B.C.E. ELECTRONICS

GSEE TECH









B.C.E. ELECTRONICS
Importation & Distribution
Electronic Components

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

SYSTEM CERTIFICATION ISO 9001 SGS
ISO 9001:2008

Company Profile

Tianjin Geneuo Technology Co., Ltd. specializes in the development, production and sales of industrial automation products, system integration and engineering service.

● Communication solution

-Industry EtherNET Switch

-Fieldbus modules: ProfiNET, EtherNET/IP, EtherCAT, MODBUS TCP/IP I/O modules

● Inductive sensors

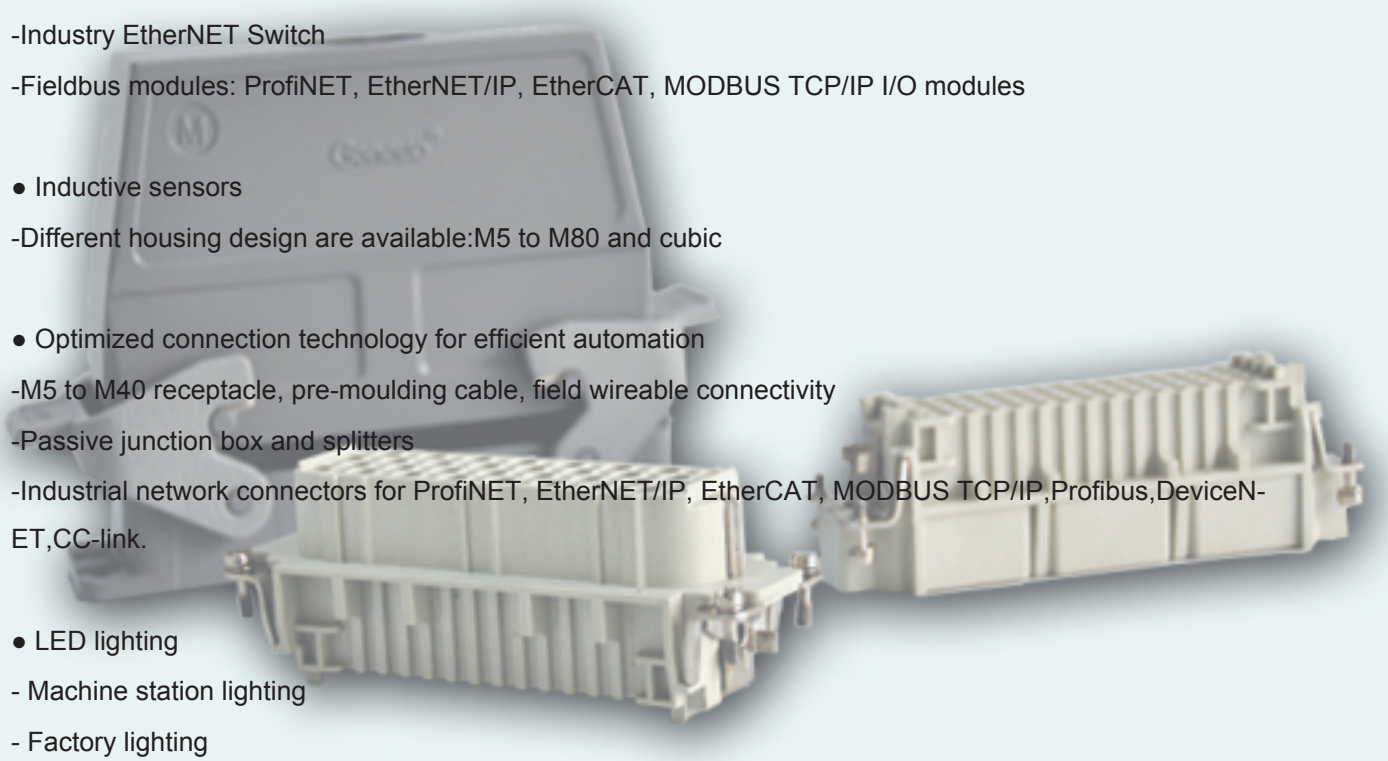
-Different housing design are available:M5 to M80 and cubic

● Optimized connection technology for efficient automation

-M5 to M40 receptacle, pre-moulding cable, field wireable connectivity

-Passive junction box and splitters

-Industrial network connectors for ProfiNET, EtherNET/IP, EtherCAT, MODBUS TCP/IP,Profibus,DeviceNET,CC-link.



● LED lighting

- Machine station lighting

- Factory lighting

- Intelligent lighting solutions

Geneuo exceptionally large product portfolio does not only cover all relevant standard solutions but also the special requirements of individual industries. The products and the total solution have been widely used in automotive, iron & steel, machine tool, elevator, textile, packaging, rubber machine etc.

Contents

Technical Characteristics 01

GA series - Slim construction size 02

GD/GDD series - High pin count connectors 03

GE/GEE series -Connectors for 16 ampere 04

GSB series -Connectors for higher currents 05

GK series -Combination connectors 06

GQ series - Connectors (not only for drive) 07

GM series -Modular connectors 08

GC series -High current connectors 09

Hoods and housings 10

Accessories 11

Type index 12

B.C.E. ELECTRONICS
Importation & Distribution Electronic Components

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

SYSTEM CERTIFICATION ISO 9001 SGS ISO 9001:2008

For a complete connector components may be order from the following sub headings.

Male insert

Screw terminal

Crimp terminal (order contacts separately)

Female insert

Screw terminal

Crimp terminal (order contacts separately)

Housings

Low or high construction
Top or side cable entry
1 or 2 locking levers

Hoods

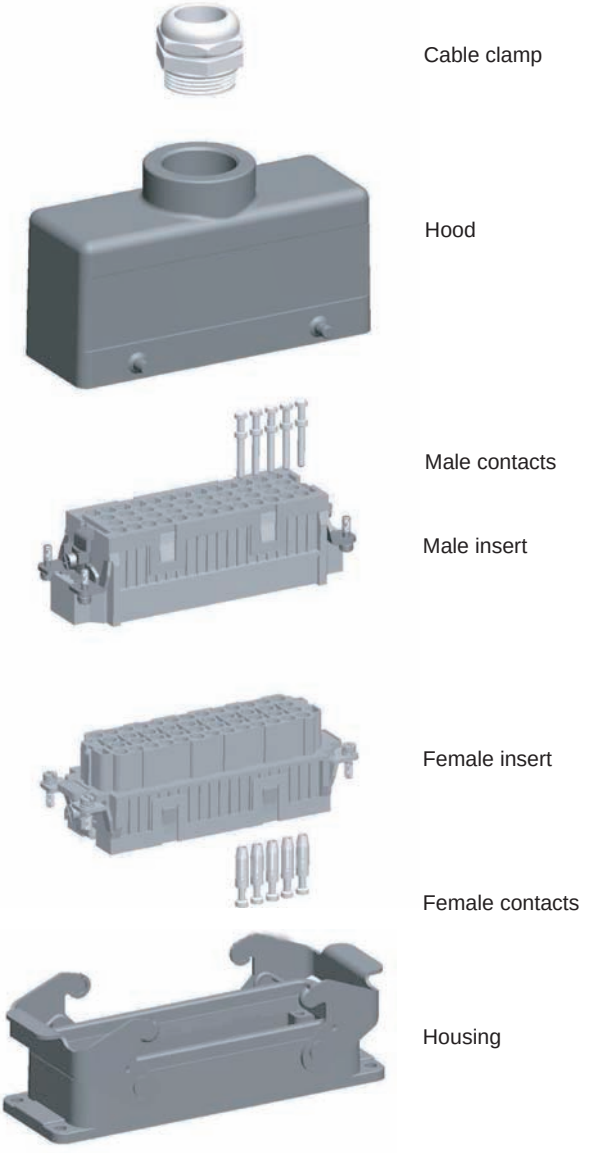
Housing(Bulkhead mounting)
With or without thermoplastic or metal covers
1 or 2 locking levers

Housing(surface mounting)
Low or high construction
With or without thermoplatic or metal covers
1 or 2 locking levers
1 or 2 cable entries

Hood (cable to cable)
Low or high construction
For cable to cable connections

Cable clamp

Protective covers available
Special cable entry protection or extensive range of accessories
Cable clamp with kinds of sealing
Kinds of accessories



Cable clamp

Hood

Male contacts

Male insert

Female insert

Female contacts

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Model defination|Naming principle

Male/Female insert

GA - K 006 - S

- GA: product group
- K: Male/Female insert
  - Female insert
  - Male insert
- 006: Number of contacts
- S: Termination
  - S-Screw terminal
  - P-Crimp terminal

GE AV - Z006

- GE: Product group
- AV: Termination
  - S : Spring terminal(single line)
  - SS : Spring terminal(double line)
  - AV : Terminal Block
- Z006: Number of contacts
- Male/Female insert
  - Female insert
  - Male insert

Hood

G16B - T 2E - M20

- G16B: Size series
- T: Cable entry type
  - T-Top entry(Low construction)
  - TH-Top entry(High construction)
  - S-Side entry(Low construction)
  - SH-Side entry(High construction)
- 2E: Locking type
  - 2E-2 locking points
  - 2L- 2 Locking lever
  - 1E-1 locking point
  - 1L- 1 Locing lever
- M20: Screw thread
  - M20,M25,PG11,PG13.5,PG16,PG21,PG29,PG36

Housing

G16B - M SH - 2E - M25 C

- G16B: Size series
- M:
  - M- Surface mounting
  - NM- Bulkhead mounting
  - FC(T,TH,S,SH) -Cable to cable connection
- SH:
  - S- Low construction
  - SH- High construction
- 2E: Locking type
  - 2E-2 locking points
  - 2L-2 Locking lever
  - 1E-1 locking point
  - 1L-1 Locing lever
- M25: Screw thread
  - M20,M25,PG11,PG13.5,PG16,PG21,PG29,PG36
- C:
  - Blank-Without cover
  - C-Thermoplastic cover
  - MC-Metal cover

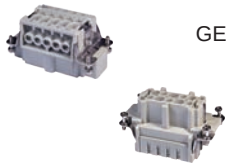
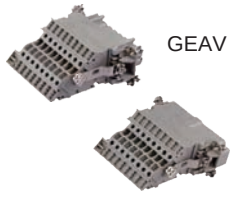
Crimp contacts

K - G 0.75 / A

- K: Crimp contact serie
  - K- Female contact
  - Z- Male contact
- G:
  - S- Silver plated
  - G- Gold plated
- 0.75: Wire guage
- A: SA- Crimp contact type

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Product overview

Male/Female inserts	Number of contacts	Rated voltage(V)	Rate current(A)	Terminal S : Screw termination P : Crimp connection	Male/Female insert model	Page	Hood /Housing serie	Page
 GA	3,4	230/400	10	S	GA-K(Z)003/004...	02.02	G3A...	10.01
	10	250	16	S P	GA-K(Z)010...	02.03	G10A...	10.02
	16	250	16	S P	GA-K(Z)016...	02.03	G16A...	10.03
	32	250	16	S P	GA-K(Z)032...	02.04	G32A...	10.04
 GD	7,8	250/50	10	P	GD-K(Z)007/008...	03.02	G3A...	10.01
	15	250	10	P	GD-K(Z)015...	03.03	G10A...	10.02
	25/50	250	10	P	GD-K(Z)025/050...	03.03/04	G16A/32A...	10.03
	40,80	250	10	P	GD-K(Z)040/080...	03.04/05	G16B/32B...	10.09
	64,128	250	10	P	GD-K(Z)064/128...	03.05/06	G24B/48B...	10.11
 GDD	24	250	10	P	GDD-K(Z)024...	03.08	G6B...	10.06
	42	250	10	P	GDD-K(Z)042...	03.08	G10B...	10.08
	72,144	250	10	P	GDD-K(Z)072/144...	03.09/10	G16B/32B...	10.09
	108,216	250	10	P	GDD-K(Z)108/216...	03.09/11	G24B/48B...	10.11
 GE	6	500	16	S P	GE-K(Z)006...	04.02	G6B...	10.06
	10	500	16	S P	GE-K(Z)010...	04.02	G10B...	10.08
	16,32	500	16	S P	GE-K(Z)016/032...	04.03/04	G16B/32B...	10.09
	24,48	500	16	S P	GE-K(Z)024/048...	04.03/04	G24B/48B...	10.11
 GES	6	500	16	Spring terminal	GES-006	04.05	G6B...	10.06
	10	500	16	Spring terminal	GES-010	04.05	G10B...	10.08
	16,32	500	16	Spring terminal	GES-016/032	04.06/07	G16B/32B...	10.09
	24,48	500	16	Spring terminal	GES-024/048	04.06/07	G24B/48B...	10.11
 GESS	6	500	16	Spring terminal (2 terminals per contact)	GESS-006	04.08	G6B...	10.06
	10	500	16	Spring terminal (2 terminals per contact)	GESS-010	04.08	G10B...	10.08
	16,32	500	16	Spring terminal (2 terminals per contact)	GESS-016/032	04.09/10	G16B/32B...	10.09
	24,48	500	16	Spring terminal (2 terminals per contact)	GESS-024/048	04.09/10	G24B/48B...	10.11
 GEAV	6	500	16	S	GEAV-006	04.11	G6B Housing Bulkhead mounting	10.06
	10	500	16	S	GEAV-010	04.11	G10B Housing Bulkhead mounting	10.08
	16,32	500	16	S	GEAV-016/032	04.12/13	G16B/G24B Housing Bulkhead mounting	10.09
	24,48	500	16	S	GEAV-024/048	04.12/13	G32B/G48B Housing Bulkhead mounting	10.11

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Male/Female inserts	Number of contacts	Rated voltage(V)	Rate current(A)	Terminal S : Screw termination P : Crimp connection	Male/Female insert model	Page	Hood /Housing serie	Page
 GEE	10	500	16	P	GEE-K(Z)010...	04.15	G6B...	10.06
	18	500	16	P	GEE-K(Z)018...	04.15	G10B...	10.08
	32,64	500	16	P	GEE-K(Z)032/64...	04.16/17	G16B/32B...	10.09
	46,92	500	16	P	GEE-K(Z)046/92...	04.16/17	G24B/48B...	10.11
 GVES	3+2+PE	830	16	Spring terminal	GVES-K(Z)003...	04.20	G10B...	10.08
	6+2+PE 12+4+PE	830	16	Spring terminal	GVES-K(Z)006/12...	04.20/22	G16B/32B...	10.08
	10+2+PE	830	16	Spring terminal	GVES-K(Z)010...	04.21	G24B...	10.09
	20+4+PE	830	16	Spring terminal	GVES-K(Z)020...	04.23	G48B...	10.11
 GEB	6	500	16	Quick spring terminal	GEB-K(Z)006...	04.24	G6B...	10.06
	10	500	16	Quick spring terminal	GEB-K(Z)010...	04.24	G10B...	10.08
	16,32	500	16	Quick spring terminal	GEB-K(Z)016/32...	04.25	G16B/32B...	10.09
	24,48	500	16	Quick spring terminal	GEB-K(Z)024/48...	04.25	G24B/48B...	10.11
 GSB	6	400/690	35	S	GSB-K(Z)006...	05.02	G16B...	10.09
	12	400/690	35	S	GSB-K(Z)012...	05.02	G32B...	10.10
GK	12/2	690/250	40/10	P	GK-K(Z)012...	06.02	G16B...	10.09
	8/24	400/160	16/10	P	GK-K(Z)008/24...	06.04	G10B...	10.08
	4/0,4/2	830/400	80/16	P	GK-K(Z)004/0,2...	06.06	G16B...	10.09
	4/8	400/400	80/16	P	GK-K(Z)004/8...	06.08	G24B...	10.11
	6/6	690/400	40/16	P	GWK-K(Z)006/6...	06.10	G24B...	10.11
	6/12	690/400	40/10	P	GK-K(Z)006.1(2)/12...	06.12	G16B...	10.09
	6/36	690/160	40/10	P	GK-K(Z)006/36...	06.14	G16B...	10.09
	6/6	690/400	100/16	P	GK-K(Z)006/6...	06.16	G24B...	10.11
	8/0	690/100	40/10	P	GK-K(Z)012...	06.18	G24B...	10.11
 GQ	5	230/400	16	P	GQ-K(Z)005...	07.02	G3A...	10.01
	2	830	40	P	GQ-K(Z)002.1...	07.04	G3A...	10.01
	2	400	40	P	GQV-K(Z)002.1...	07.06	G3A...	10.01
	7	400	10	P	GQ-K(Z)007...	07.08	G3A...	10.01
	12	400	10	P	GQ-K(Z)012...	07.10	G3A...	10.01

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Electrical engineering data

General

The choice of connectors entails more than just considering factors such as functionality, the number of contacts, current and voltage ratings. It is equally important to take account of where the connectors are to be used and the prevailing ambient conditions. This in turn means that, dependent on the conditions under which they are to be installed and pursuant to the relevant standards, different voltage and current ratings may apply for the same connectors.

The most important influencing factors and the corresponding electrical characteristics of the associated connectors are illustrated here in greater detail.

The overvoltage category is dependent on the mains voltage and the location at which the equipment is installed. It describes the maximum overvoltage resistance of a device in the event of a power supply system fault, e. g. in the event of a lightening strike.

The overvoltage category affects the dimensioning of components in that it determines the clearance air gap. Pursuant to the relevant standards, there are 4 overvoltage categories.

Equipment for industrial use,such as GENEUO heavy duty connector, fall into Overvoltage Category III.

DIN VDE0110-1 or IEC60664-1 2.2.2.1.1 regulation

Overvoltage is classified by grid voltage and the assembly situation of equipment. It descripts when the power system break down(caused by lightening etc), the capability to bear the maximum overvoltage of the equipment.According to the standard regulation ,overvoltage has 4 category.

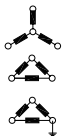
Equipment of overvoltage category I is equipment for connection to circuits in which measures are taken to limit transient overvoltages to an appropriately low level.
Note: Examples are protected electronic circuits.

Equipment of overvoltage category II is energy-consuming equipment to be supplied from the fixed installation.Note 3: Examples of such equipment are appliances, portable tools and other household equipment with similar loads.If such equipment is subjected to special requirements with regard to reliability and availability, overvoltage category III applies.

Equipment of overvoltage category III is equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements.Note 2: Examples of such equipment are switches in the fixed installation and equipment for industrial use with permanent connection to the fixed installation.

Equipment of overvoltage category IV is for use at the origin of the installation.Note 1: Examples of such equipment are electricity meters and primary overcurrent protec-tion equipment.

Rated impulse voltages(DIN EN 61984 See table below)

Nominal voltages presently used in the world (= Rated insulation voltage of equipment)					Rated impulse voltage for equipment			
					Overvoltage category			
					I	II	III	IV
Voltage line-to-neutral derived from nominal voltages A.C. or D.C. up to and including	Three-phase 4-wire systems with earthed neutral 	Three-phase 3-wire systems earthed or un-earthed 	Single-phase 2-wire systems A.C. or D.C.	Single-phase 3-wire systems A.C. or D.C. 	Special protected levels	Level for electrical equipment (household and others)	Level for distribution supply systems	IS
V	V	V	V	V				
100	66/115	66	60	-	0.5	0.8	1.5	2.5
150	120/208; 127/220	115;120; 127	110;120	220-110; 240-120	0.8	1.5	2.5	4
300	220/380; 230/400; 240/415; 260/440; 277/480;	220;230; 240;260; 277	220	440-220	1.5	2.5	4	6
600	347/600; 380/660; 400/690; 415/720; 480/830;	347;380; 400;415; 440;480; 500;577; 600	480	960-480	2.5	4	6	8
1000		660 ; 690 ; 720 ; 830 ; 1000	1000	-	4	6	8	12

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Pollution degree

The dimensioning of operating equipment is dependent on environmental conditions. Any pollution or contamination may give rise to conductivity that, in combination with moisture, may affect the insulating properties of the surface on which it is deposited. The pollution degree influences the design of components in terms of the creepage distance.The pollution degree is defined for exposed, unprotected insulation on the basis of environmental conditions.

Geneuo heavy duty connectors are designed as standard for Pollution Degree 3.

■ Pollution degree 1

In air-conditioned or clean, dry rooms, such as computer and measuring instrument rooms, for example.

■ Pollution degree 2

In residential, sales and other business premises, precision engineering workshops, laboratories, testing bays, rooms used for medical purposes. As a result of occasional moisture condensation, it is to be anticipated that pollution/contamination may be temporarily conductive.

■ Pollution degree3

In industrial, commercial and agricultural premises, unheated storage premises, workshops or boiler rooms, also for the electrical components of assembly or mounting equipment and machine tools.

■ Pollution degree 4

In outdoor or exterior areas such as equipment mounted on the roofs of locomotives or tramcars.

DIN VDC 0110-1 or IEC 60664-1 2.5.1 regulation

■Pollution degree 1：No pollution or only dry, non-conductive pollution occurs. The pollution has no influence.

■Pollution degree 2：Only non-conductive pollution occurs except that occasionally atemporary conductivity caused by condensation is to be excepted.

■Pollution degree 3：Conductive pollution occurs or dry nonconductive pollution occurs which becomes conductive due to condensation which is to be expected.

■Pollution degree 4：Continuous conductivity occurs due to conductive dust, rain or other wet conditions.

Special ruling for connectors

Subject to compliance with certain preconditions, the standard for connectors permits a lower pollution degree than that which applies to the installation as a whole. This means that in a pollution degree 3 environment, connectors may be used which are electrically rated for pollution degree 2.
The basis for this is contained in DIN EN 61 984, Para. 6.19.2..

DIN EN 61984 6.19.2.2 regulation

For a connector with a degree of protection IP 54 or higher according to IEC 60 529 the insulating parts inside the enclosure may be dimensioned for a lower pollution degree.

The conditions fulfills

①A connector which is protected to at least IP 54 as per IEC 60 529,

②A connector which is installed in a housing and which as described in the standard is disconnected for testing and maintenance purposes only,

③A connector which is installed in a housing and which when disconnected is protected by a cap or cover to at least IP 54,

④A connector located inside a switching cabinet to at least IP 54.

These conditions do not extend to connectors which when disconnected remain exposed to the industrial atmosphere for an indefinite period.

It should be noted that pollution can affect a connector from the inside of an installation outwards.

Typical applications in which to choose pollution degree 2 connectors:

■A connector serving a drive motor which is disconnected only for he purpose of replacing a defective motor, even when the plant or system otherwise calls for pollution degree 3.

Pollution degree level definition

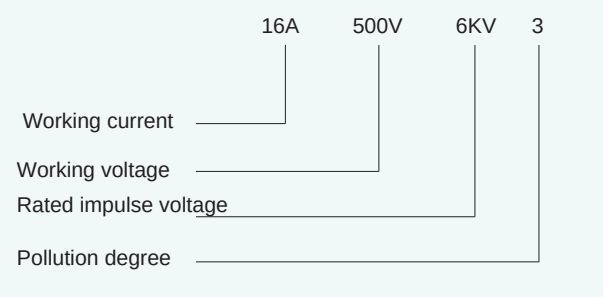
Connectors serving a machine of modular design which are disconnected for transport purposes only and enable rapid erection and reliable commissioning. In transit, protective covers or adequate packing must be provided to ensure that the connectors are not affected by pollution/contamination.

Connectors located inside a switching cabinet to IP 54. In such cases, it is even possible to dispense with the IP 54 housings of the connectors themselves.

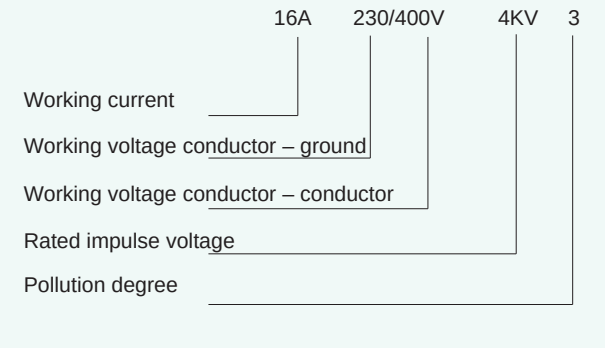
Specifying electrical data

Electrical data for connectors are specified as per DIN EN 61 984.

This example identifies a connector suitable for use in an unearthed power system or earthed delta circuit.



This example identifies a connector suitable exclusively for use in earthed power systems.



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Screw terminal

Screw terminals meet VDE 0609 /EN 60 999. Dimensions and tightening torques for testing are shown in following table.

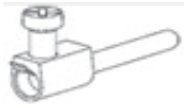
The relevant regulations state that in the case of Terminals with wire protection and without wire protection.

Terminals with wire protection:
No special preparation of the conductor is required,the use of ferrules is not necessary.series GE,GSB etc.

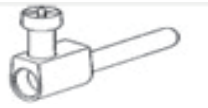
Terminals without wire protection:
The insulation is first stripped and then a wire ferrule must be used,Series HA.

Screw dimensions and tightening torque for screw terminals

Wire gauge (mm^2)	1.5	2.5	4	6	10	16
Screw thread	M3	M3	M3.5	M4	M4	M6
Test moment of torque (Nm)	0.5	0.5	0.8	1.2	1.2	1.2
min. pull-out for stranded wire (N)	40	50	60	80	90	100



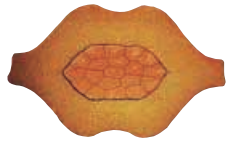
Terminals with wire protection



Terminals without wire protection

Crimp connection

A perfect crimp connection is gastight,therefore corrosion free and amounts to a cold weld of the parts being connected.Wires to be connected must be carefully matched with the correct size of crimp contacts. If these basic requirements are met,users will be assured of highly reliable connections with low contactresistance and high resistance to corrosive attack.



Six angle crimp



Four slot crimp

Tensile strength of crimped connections

Conductor cross-section		Tensile strength
mm^2	AWG (American wire gauge)	N
0.05	30	6
0.08	28	11
0.12	26	15
0.14		18
0.22	24	28
0.25		32
0.32	22	40
0.5	20	60
0.75		85
0.82	18	90
1.0		108
1.3	16	135
1.5		150
2.1	14	200
2.5		230
3.3	12	275
4.0		310
5.3	10	355
6.0		360
8.4	8	370
10.0		380

The economic and technical advantages

Constant contact resistance as a result of precisely repeated crimp connection quality.Corrosion free connections as a result of cold weld action.Pre-preparation of cable forms with crimp contacts fitted.Optimum cost cable connection.

Requirements for crimp connectors are laid down in DIN EN 60 352-2 as illustrated in the table.

Pull out force of stranded wire

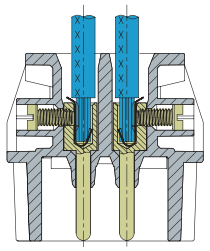
The main criterion by which to judge the quality of a crimp connection is the retention force achieved by the wire conductor in the terminal section of the contact. DIN EN 60 352-2 defines the extraction force in relation to the cross-section of the conductor.

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Terminal type

Screw terminal

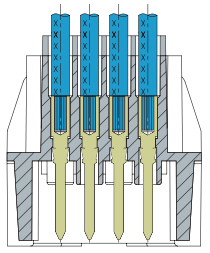
GA serie
GE serie
GSB serie



Inserts	Wire guage		Stripping length L(mm)
	(mm²)	AWG	
GA-003,GA-004	2.5	14	4.5
GA , GEAV	2.5	14	7.5
GE	4.0	12	7.5
GSB	6.0	10	11.5
GK	16.0	5	14.0

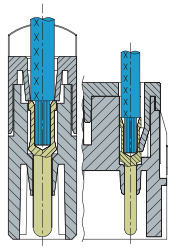
Crimp terminal

GD serie
GDD serie



Inserts	Wire guage		Stripping length L(mm)
	(mm²)	AWG	
GD GDD	0.5	20	8.0
	0.75	18	8.0
	1.0	18	8.0
	1.5	16	8.0
	2.5	14	8.0

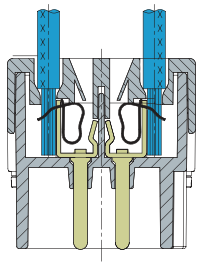
GEE serie(16A)



Inserts	Wire guage		Stripping length L(mm)
	(mm²)	AWG	
GEE (16A)	0.5	20	7.5
	0.75	18	7.5
	1.0	18	7.5
	1.5	16	7.5
	2.5	14	7.5
	4.0	12	7.5

Cage-clamp terminal

GES serie
GESS seire



Inserts	Wire guage		Stripping length L(mm)
	(mm²)	AWG	
GES	0.14~2.5	26~14	9~11
GESS	0.14~2.5	26~14	9~11

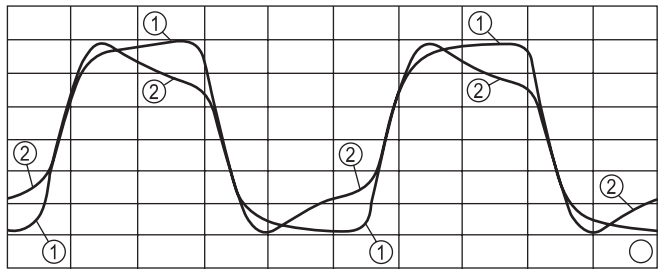
Recommended size of screw driver and tightening torque

Screw size	Insert type	(ø) Tightening torque [Nm]	(ø) Tightening torque (lbft)	Recommended screw driver
M3	Screw terminals (GA-003/GA-004/GQ-005)	0.25	0.20	0.4×2.5
M3	Screw terminals (GA-010/GA-016)	0.50	0.40	0.5×3.5 or ± size1
M3	Screw terminals GE location & Stationary applications	0.50	0.40	0.5×3.5
M4	Ground terminal (GA,GE,GD,GDD)	1.20	0.90	0.5×3.5 or ±size1+2
M4	Terminal blocks GSB	1.20	0.90	0.8×4.5
M5	Ground terminal GSB	2.00	1.40	0.8×4.5 1.2×8

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

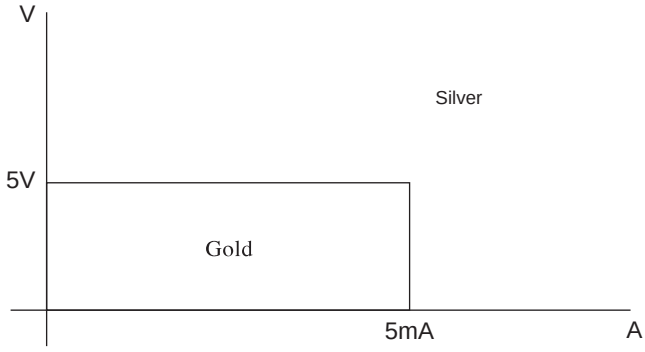
Low current

Standard contacts have a silver plated surface. This precious metal has excellent conductive properties. In the course of a contact's lifetime, the silver surface generates a black oxide layer due to its affinity to sulphur. This layer is smooth and very thin and is partly interrupted when the contacts are mated and unmated, thus guaranteeing very low contact resistances. In the case of very low currents or voltages small changes to the transmitted signal may be encountered. This is illustrated below where an artifically aged contact representing a twenty year life is compared with a new contact.



Changes to the transmitted signal after artifical ageing
a.New contact
b.After aging

In systems where such a change to the transmitted signal could lead to faulty functions and also in extremely aggressive environments, GENEUO recommend the use of gold plated contacts.

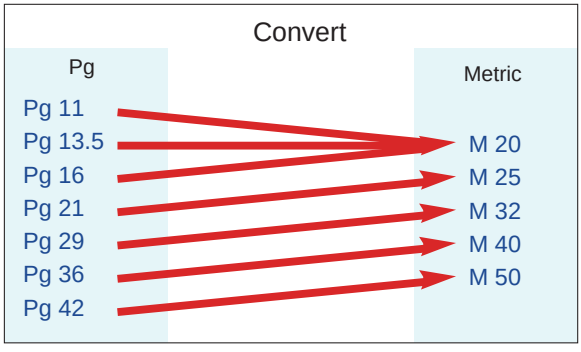


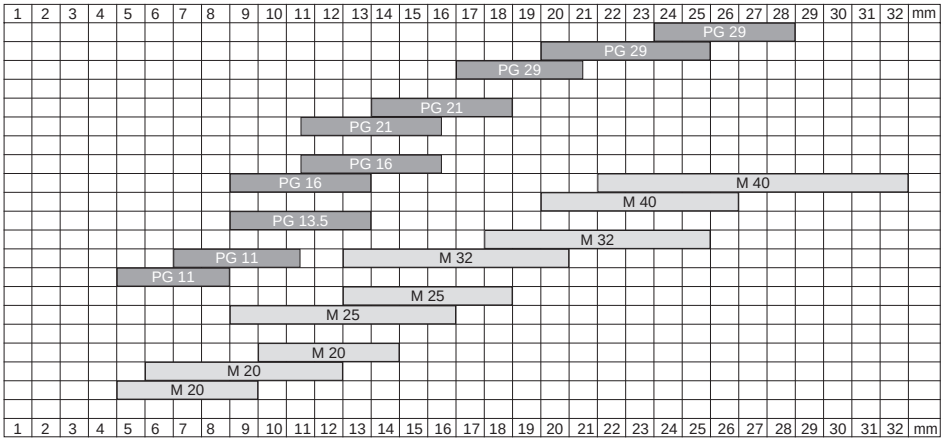
The selection of the contacts

Cross Reference from Pg thread to metric cable thread

The reason for the new product offerings is the publication of the international DIN EN 50262 metric thread specification. The existing Pg series, Pg 7 to Pg 48 will be, in time, replaced by the metric series M 12 to M63.To differentiate the metric threaded hoods and housings from the previous Pg versions metric types will be marked with M.

The Cross Reference table shows the correlation between the Pg versions and the new metric types.

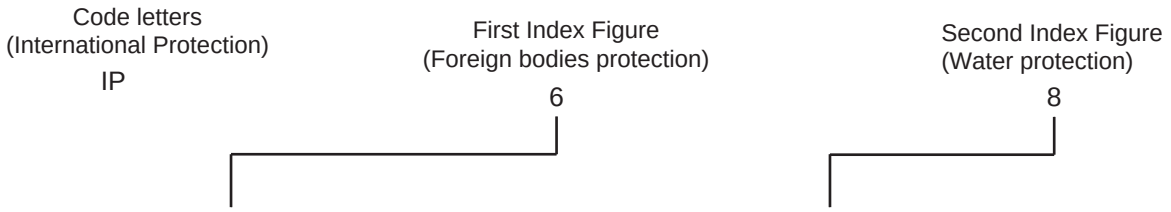




IP grade protection

The connector's housing, sealing and locking mechanism protect the connection from external influences such as mechanical shocks, foreign bodies, humidity, dust, water or other fluids such as cleansing and cooling agents, oils, etc. The degree of protection the housing offers is explained in the IEC 60 529, DIN EN 60 529, standards that categorize enclosures according to foreign body and water protection.

The following table shows the different degrees of protection.



Degree of foreign bodies protection
0 No protection
1 Protection against large foreign bodies>=50mm
2 Protection against medium sized foreign bodies>=12,5mm
3 Protection against small solid foreign bodies>=2,5mm
4 Protection against grain-shaped foreign bodies>=1,0mm
5 Protection against injurious deposits of dust
6 Protection against ingress of dust

Degree of water protection
0 No protection against water
1 Protection against vertical water drips
2 Protection against water drips (up to a 15° angle)
3 Protection against diagonal water drips (up to a 60° angle)
4 Protection against splashed water from all directions
5 Protection against water (out of a nozzle) from all directions.
6 Protection against strong water (out of a nozzle) from all directions
7 Protected against temporary immersion
8 Protected against water pressure

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specifications

DIN VDE 0627

DIN VDE 0110

DIN EN 61984

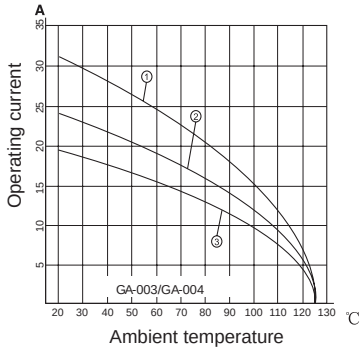
Male/Female insert	
Number of contacts	3、 4、 10 、 16 、 32 (2x16)+PE
Rated current	
GA-003、GA-004	10A
GA-010、GA-016	16A
Current carrying capacity sheet	
Rated voltage	
GA-003、GA-004	230/400V
GA-010、GA-016	250V
Impulse voltage	4KV
Pollution degree	3
Pollution degree 2	16A 230/400V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Working voltage acc. to UL94	V0
Mechanical working life-mating cycles	≥500

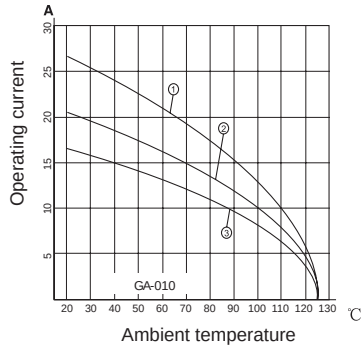
Contacts		
Material		Copper alloy
Surface		Hard silver-plated
		Hard gold-plated
Contact resistance		≤1mΩ
Terminal		Screw terminal
		Crimp terminal
Crimp terminal		
mm^2		0.5-4.0mm^2
AWG		20-12
Screw terminal		
mm^2		1-2.5mm^2
AWG		18-14
Tightening/test torque	0.5Nm	GA-010 GA-016
	0.25Nm	GA-003 GA-004

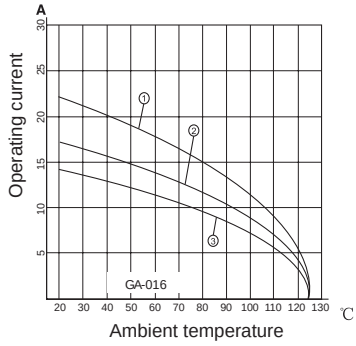
Hoods,Housings		
Material		Alluminum or zinc die-cast
Surface	Powder coated	RAL7032
Locking element		steel-zinc plated
Hoods,housings seal		NBR
Degree of protection acc. to DIN EN 60 529		
For coupled connector		
GA-003/004		IP44
		IP65 is achieved with seal screw
GA-010/016		IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5

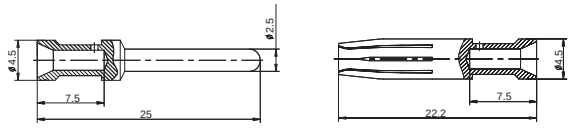






① (Wire guage) : 2.5mm²
② (Wire guage) : 1.5mm²
③ (Wire guage) : 1.0mm²

Contacts



Silver-plated

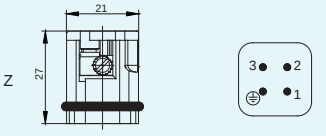
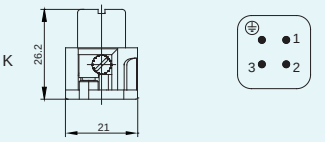
Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-S0.5/A	23000100	Z-S0.5/A	22000100
0.75mm²	AWG18	7.5mm	K-S0.75/A	23000200	Z-S0.75/A	22000200
1.0mm²	AWG18	7.5mm	K-S1/A	23000300	Z-S1/A	22000600
1.5mm²	AWG16	7.5mm	K-S1.5/A	23000400	Z-S1.5/A	22000300
2.5mm²	AWG14	7.5mm	K-S2.5/A	23000500	Z-S2.5/A	22000500
3.0mm²	AWG12	7.5mm	K-S3/A	23000600	Z-S3/A	22030500
4.0mm²	AWG12	7.5mm	K-S4/A	23000700	Z-S4/A	22000700

Gold-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-G0.5/A	23100100	Z-G0.5/A	22100100
0.75mm²	AWG18	7.5mm	K-G0.75/A	23100200	Z-G0.75/A	22100200
1.0mm²	AWG18	7.5mm	K-G1/A	23100300	Z-G1/A	22100300
1.5mm²	AWG16	7.5mm	K-G1.5/A	23100400	Z-G1.5/A	22100400
2.5mm²	AWG14	7.5mm	K-G2.5/A	23100500	Z-G2.5/A	22100500
3.0mm²	AWG12	7.5mm	K-G3/A	23100600	Z-G3/A	22100600
4.0mm²	AWG12	7.5mm	K-G4/A	23100700	Z-G4/A	22100700

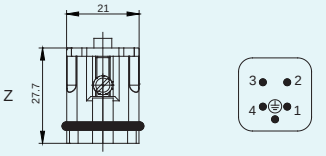
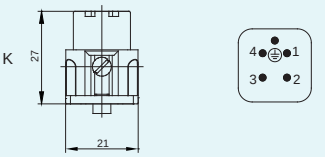
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

3+ ⏚ 230/400V 10A

Description	Type		Dimensions (mm)	Suitable Hood, housing
	Male insert	Female insert		
Screw terminal 	GA-Z003-S Order No. : 20000000	GA-K003-S Order No. : 21000000	Contact arrangement view from termination side Z  K 	G3A series on $P_{10.01}$



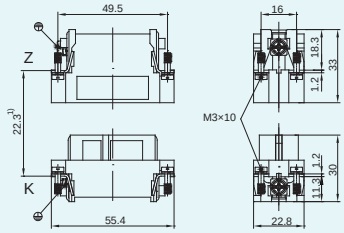
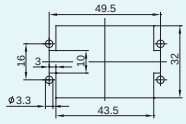
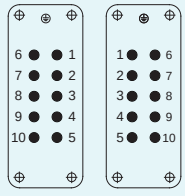
4+ ⏚ 230/400V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GA-Z004-S Order No.: 20000100	GA-K004-S Order No.: 21000100	Contact arrangement view from termination side Z  K 	G3A series on $P_{10.01}$

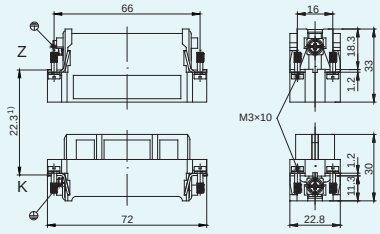
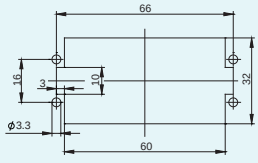
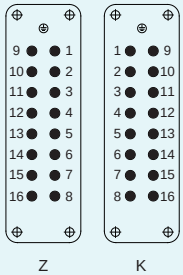
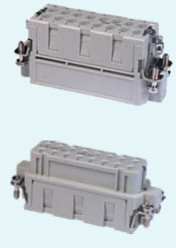


B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

10+ ⏚ 250V 16A

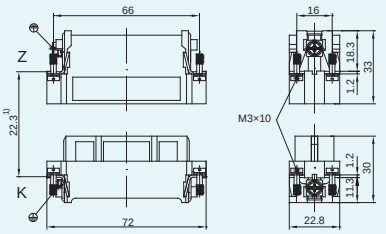
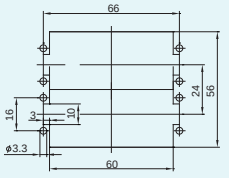
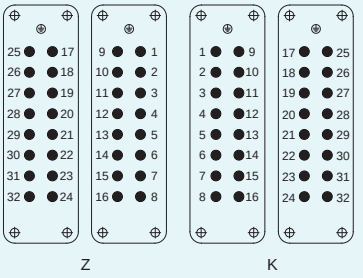
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GA-Z010-S Order No.: 20000600	GA-K010-S Order No.: 21000600	1) Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G10A series on P 10.02
Crimp terminal 	GA-Z010-P Order No.: 20000601	GA-K010-P Order No.: 21000601		

16+ ⏚ 250V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GA-Z016-S Order No: 20000900	GA-K016-S Order No.: 21000900	1)Contact arrangement view from termination side  Panel cut out for inserts for use without hoods/housings  Cantact arrangement view from termination side 	G16A series on P 10.03
Crimp terminal 	GA-Z016-P Order No.: 20000901	GA-K016-P Order No.: 21000901		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 250V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal  	GA-Z032-S Order No.: 20001300	GA-K032-S Order No.: 21001300	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32A series on P10.04
Crimp terminal  	GA-Z032-P Order No.: 20001301	GA-K032-P Order No.: 21001301		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specifications

DIN VDE 0627
DIN VDE 0110
DIN EN 61984

Male/Female insert

Number of contacts	7、8、15、25、40、50(2x25)、64、80 (2x40)、128 (2x64)+PE
Rated current	10A
※Current carrying capacity sheet	
Rated voltage	250V
GD-008	50V
Impulse voltage	4KV
GD-008	0.8KV
Pollution degree	3
Insulation resistance	≥10^{10}Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts

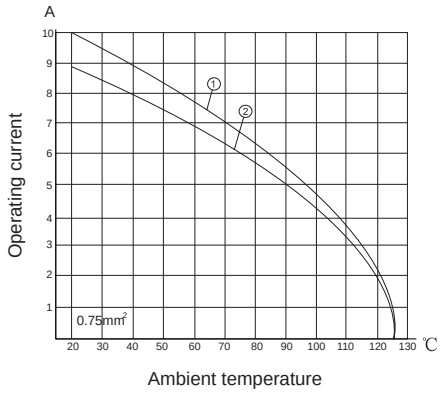
Material	Copper
Surface	Gold plated
	Silver plated
Contact resistance	≤3mΩ
Terminal	Crimp terminal
Crimp terminal	
mm^2	0.14-2.5mm^2
AWG	26-14

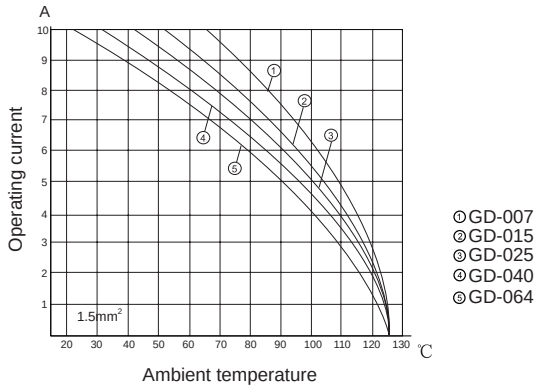
Hoods,Housings

Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Temperature range	-40℃... +125℃
Degree of protection acc. to DIN60529 For coupled connector	IP65

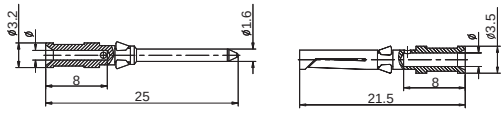
Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3





Crimp contact



Silver-plated

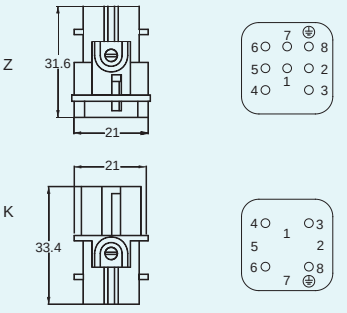
Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm^2	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm^2	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm^2	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm^2	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm^2	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm^2	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

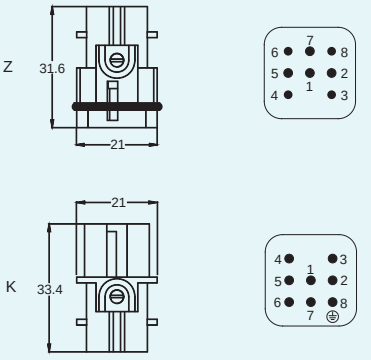
Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm^2	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm^2	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm^2	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm^2	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm^2	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm^2	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

7+ ⏚ 250V 10A

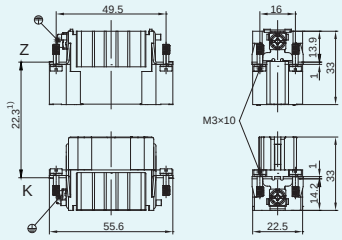
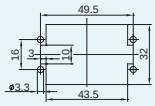
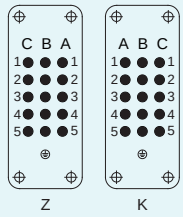
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal  	GD-Z007-P Order No.: 20010400	GD-K007-P Order No.: 21010400	Distance for contact max. 21 mm 	G3A series on $P_{10.01}$

8+ ⏚ 50V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal  	GD-Z008-P Order No.: 20010500	GD-K008-P Order No.: 21010500	Distance for contact max. 21 mm 	G3A series on $P_{10.01}$

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

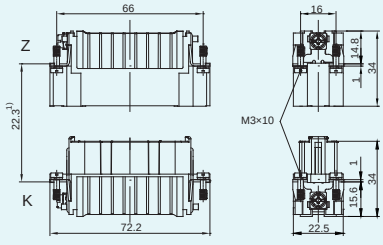
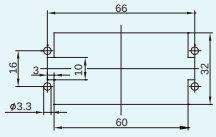
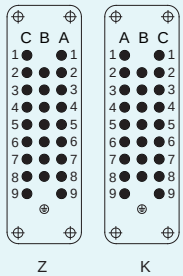
15+ ⏚ 250V 10A

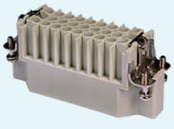
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z015-P Order No.: 20010800	GD-K015-P Order No.: 21010800	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G10A series on P10.02





25+ ⏚ 250V 10A

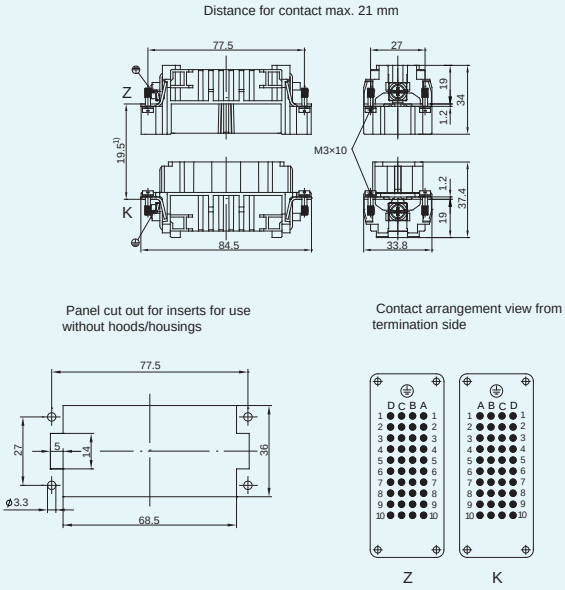
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z025-P Order No.: 20011200	GD-K025-P Order No.: 21011200	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16A series on P10.03

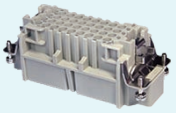




B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

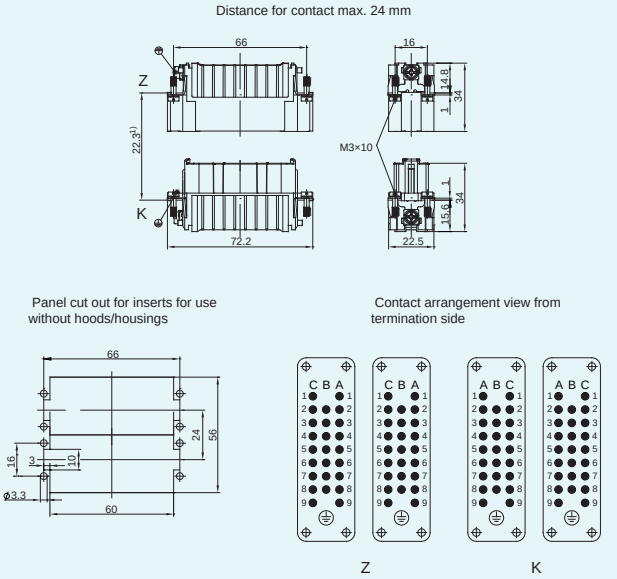
40+ ⏚ 250V 10A

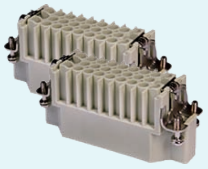
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z040-P Order No.: 20011400	GD-K040-P Order No.: 21011400		G16B series on $P_{10.09}$

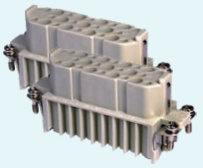




50+ ⏚ 250V 10A

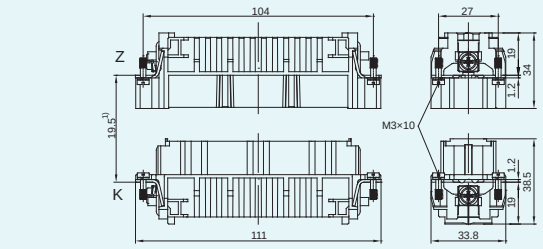
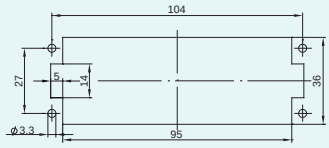
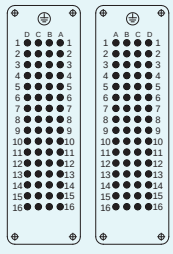
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z050-P Order No.: 20011800	GD-K050-P Order No.: 21011800		G32A series on $P_{10.05}$

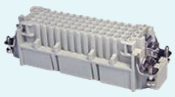


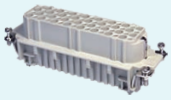


B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

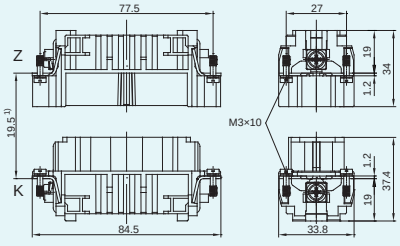
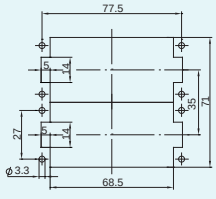
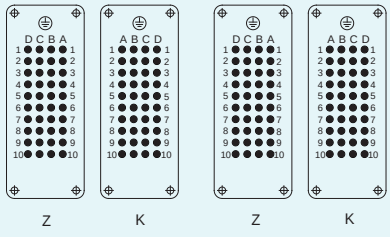
64+ ⏚ 250V 10A

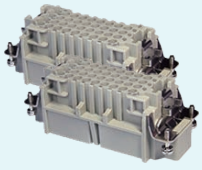
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z064-P Order No.: 20011900	GD-K064-P Order No.: 21011900	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G24B series on $P_{10.11}$





80+ ⏚ 250V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
	GD-Z080-P Order No.: 20012500	GD-K080-P Order No.: 21012500	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on $P_{10.12}$

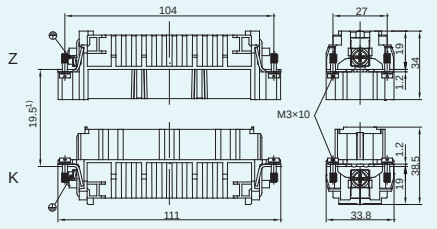
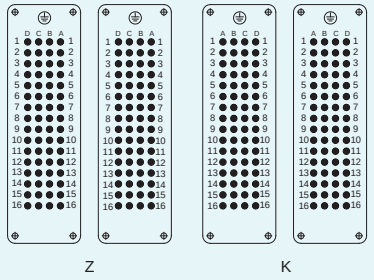
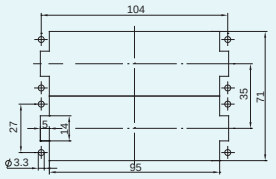




GD

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

128+ ⏚ 250V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GD-Z128-P Order No.: 20012400	GD-K128-P Order No.: 21012400	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G48B series on $P_{10.14}$

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN VDE 0627
DIN VDE 0110
DIN EN 61984

Male/Female inserts

Number of contacts	24、42、72、108、144(2x72) 216(2x108)+PE
Rated current	10A
※ Current carrying capacity sheet	
Rated voltage	250V
Impulse voltage	4KV
Insulation resistance	$\geq 10^{10}\Omega$
Material	Polycarbonate
Temperation range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts

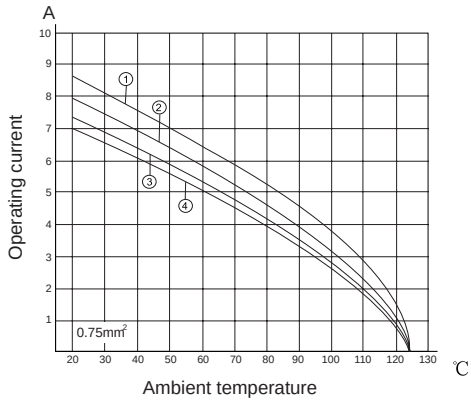
Material	Copper
Surface	Gold plated Silver plated
Contact resistance	≤3mΩ
Terminal	Crimp terminal
Crimp terminal	
mm^2	0.14-2.5mm^2
AWG	26-14
Insulation length	7.5mm

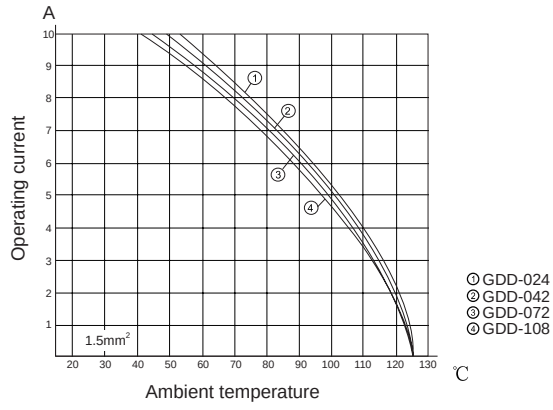
Hoods,Housings

Material		Alluminium die-cast
Surface	Powder coated	RAL7037
Hoods,Housings seal		NBR
Temperature range		-40℃... +125℃
Degree of protection acc. to DIN60529 For coupled connector		IP65

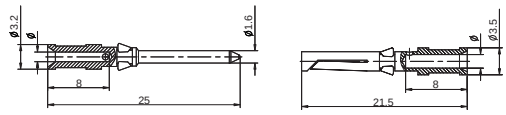
Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal loadcapability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3





Crimp contact



Silver-plated

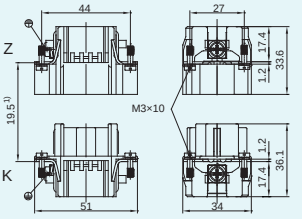
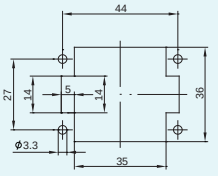
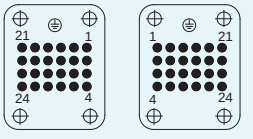
Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm^2	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm^2	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm^2	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm^2	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm^2	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm^2	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

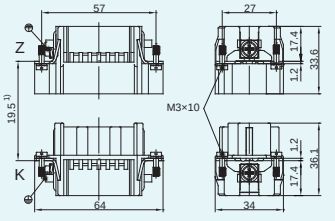
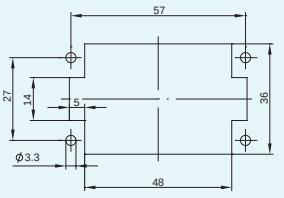
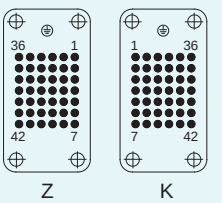
Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm^2	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm^2	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm^2	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm^2	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm^2	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm^2	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

24+ ⏚ 250V 10A

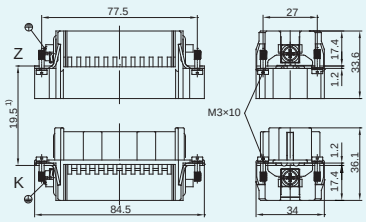
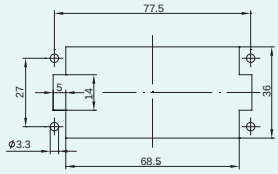
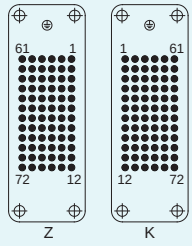
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GDD-Z024-P Order No.: 20021100		Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G6B series on P 10.06
		GDD-K024-P Order No.: 21021100		
				

42+ ⏚ 250V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GDD-Z042-P Order No.: 20021500		Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G10B series on P 10.08
		GDD-K042-P Order No.: 21021500		
				

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

72+ ⏚ 250V 10A

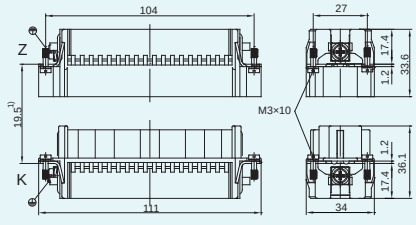
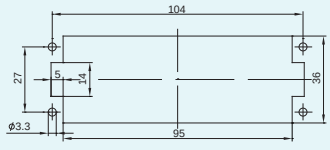
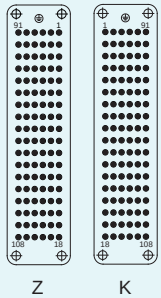
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GDD-Z072-P Order No.: 20022000	GDD-K072-P Order No.: 21021101	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on $P_{10.09}$

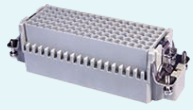


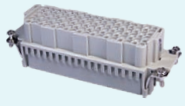


GDD

108+ ⏚ 250V 10A

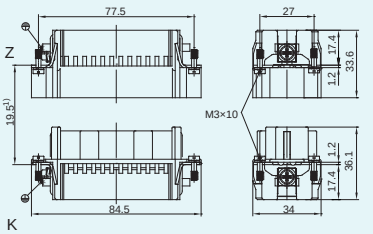
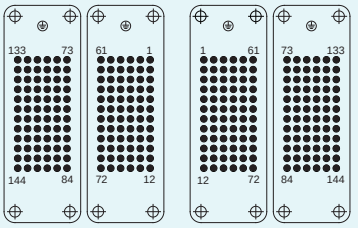
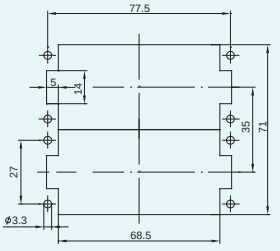
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GDD-Z108-P Order No.: 20022300	GDD-K108-P Order No.: 21022300	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G24B series on $P_{10.11}$

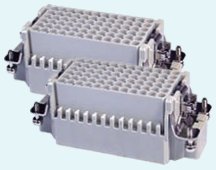




B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

144+⏚ 250V 10A

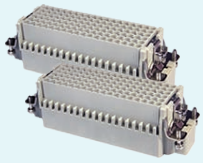
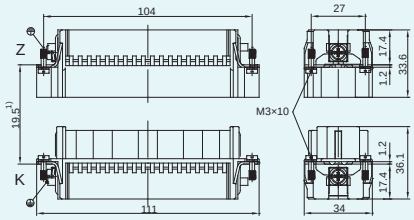
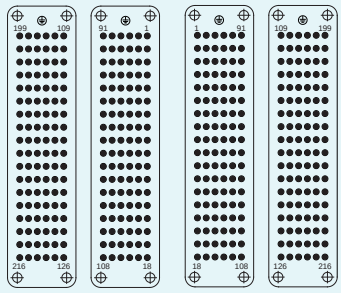
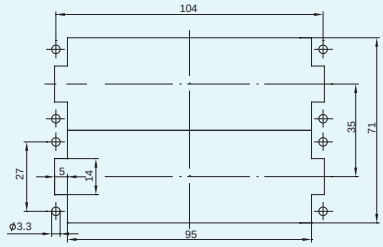
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GDD-Z144-P Order No.: 20022400	GDD-K144-P Order No.: 21022400	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on $P_{10.12}$





B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

216+⏚ 250V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal			Distance for contact max. 21 mm	
	GDD-Z216-P Order No.: 20022600			
			Panel cut out for inserts for use without hoods/housings	
			 Z K	
		GDD-K216-P Order No.: 21022600	Contact arrangement view from termination side	G48B series on $P_{10.14}$
				

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GE

Specification

DIN VDE 0627
DIN VDE 0110
DIN EN 61984

Male/Female inserts

Number of contacts	6、10、16、24、32(2x16) 48(2x24)+PE
Rated current	16A
※ Current carrying capacity sheet	
Rated voltage	500V
Impulse voltage	6 kV
Pollution degree	3
Insulation resistance	≥$10^{10}\Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts

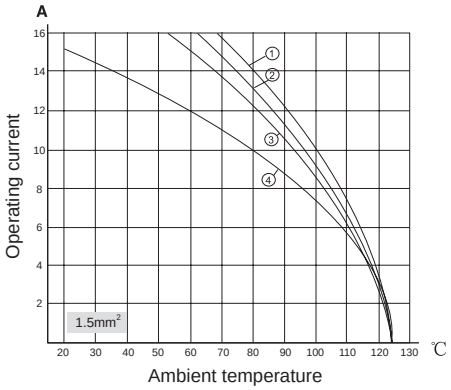
Material	Copper
Surface	Gold-Plated Silver-plated
Contact resistance	≤1mΩ
Terminal	Screw terminal Crimp terminal
Crimp terminal	
mm^2	0.5-4.0mm^2
AWG	20-12
Screw terminal	
mm^2	1-2.5mm^2
AWG	18-14
Tightening/test torque	0.5Nm

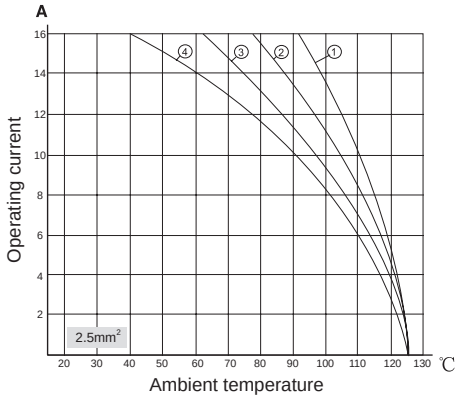
Hoods,housings

Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

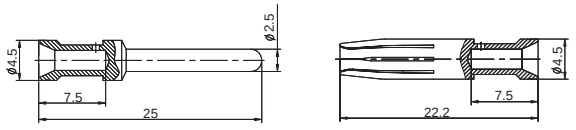
The current carrying capacity of the connectors is limited by the thermal loadcapability of the contact element material including the connections and theinsulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3





①GE-006
②GE-010
③GE-016
④GE-024

Crimp contact



Silver-plated

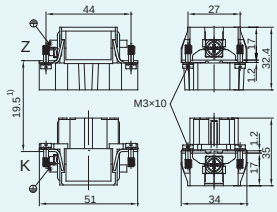
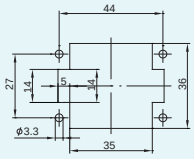
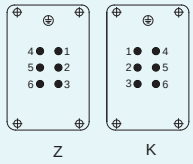
Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-S0.5/A	23000100	Z-S0.5/A	22000100
0.75mm²	AWG18	7.5mm	K-S0.75/A	23000200	Z-S0.75/A	22000200
1.0mm²	AWG18	7.5mm	K-S1/A	23000300	Z-S1/A	22000600
1.5mm²	AWG16	7.5mm	K-S1.5/A	23000400	Z-S1.5/A	22000300
2.5mm²	AWG14	7.5mm	K-S2.5/A	23000500	Z-S2.5/A	22000500
3.0mm²	AWG12	7.5mm	K-S3/A	23000600	Z-S3/A	22030500
4.0mm²	AWG12	7.5mm	K-S4/A	23000700	Z-S4/A	22000700

Gold-plated

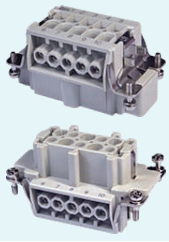
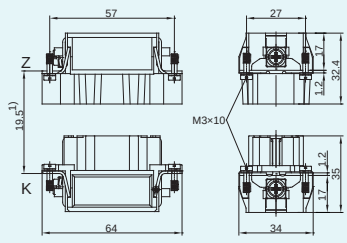
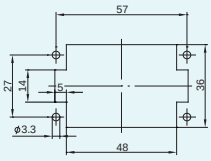
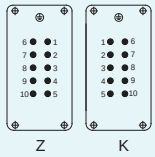
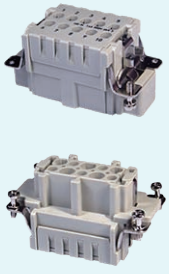
Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-G0.5/A	23100100	Z-G0.5/A	22100100
0.75mm²	AWG18	7.5mm	K-G0.75/A	23100200	Z-G0.75/A	22100200
1.0mm²	AWG18	7.5mm	K-G1/A	23100300	Z-G1/A	22100300
1.5mm²	AWG16	7.5mm	K-G1.5/A	23100400	Z-G1.5/A	22100400
2.5mm²	AWG14	7.5mm	K-G2.5/A	23100500	Z-G2.5/A	22100500
3.0mm²	AWG12	7.5mm	K-G3/A	23100600	Z-G3/A	22100600
4.0mm²	AWG12	7.5mm	K-G4/A	23100700	Z-G4/A	22100700

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6+ ⏚ 500V 16A

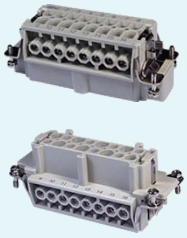
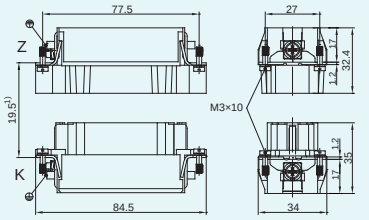
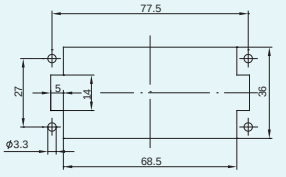
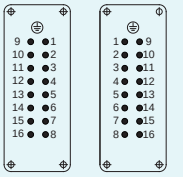
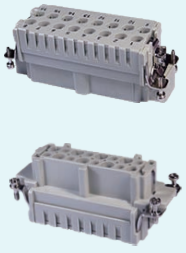
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z006-S Order No.: 20030300	GE-K006-S Order No.: 21030300	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G6B series on $P_{10.06}$
Crimp terminal 	GE-Z006-P Order No.: 20030301	GE-K006-P Order No.: 21030301		

10+ ⏚ 500V 16A

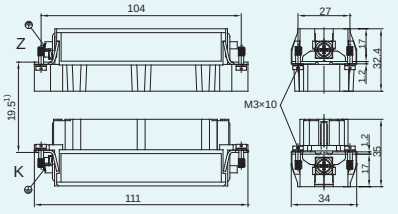
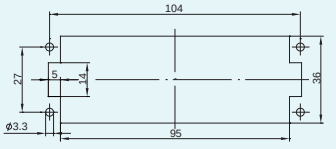
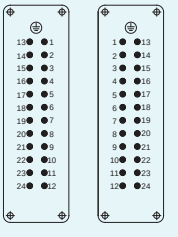
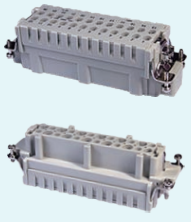
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z010-S Order No.: 20030600	GE-K010-S Order No.: 21030600	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G10B series on $P_{10.08}$
Crimp terminal 	GE-Z010-P Order No.: 20030601	GE-K010-P Order No.: 21030601		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

16+ ⏚ 500V 16A

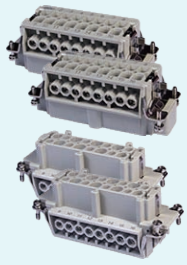
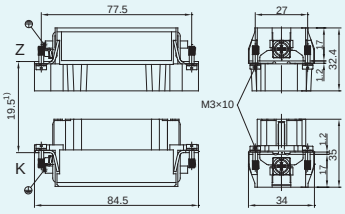
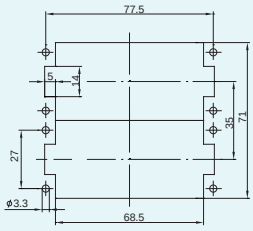
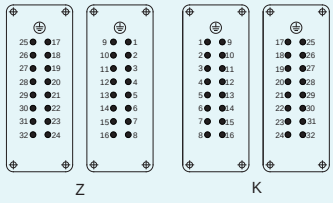
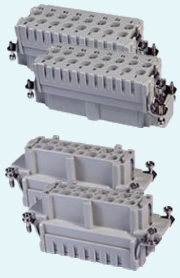
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z016-S Order No.: 20030900	GE-K016-S Order No.: 21030900	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on $P_{10.09}$
Crimp terminal 	GE-Z016-P Order No.: 20030901	GE-K016-P Order No.: 21030901		

24+ ⏚ 500V 16A

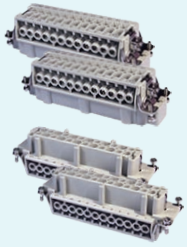
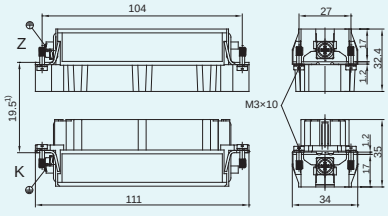
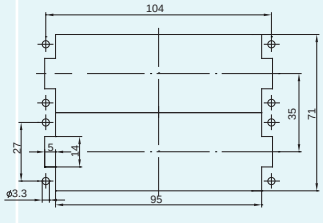
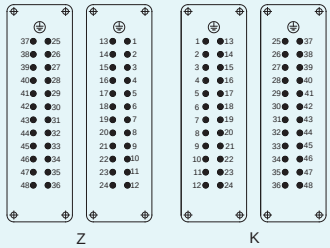
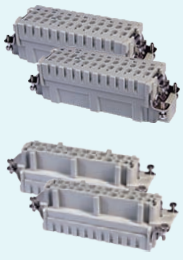
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z024-S Order No.: 20031100	GE-K024-S Order No.: 21031100	Distance for contact max. 24mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G24B series on $P_{10.11}$
Crimp terminal 	GE-Z024-P Order No.: 20031101	GE-K024-P Order No.: 21031101		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z032-S Order No.: 20031300	GE-K032-S Order No.: 21031300	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on P 10.12
Crimp terminal 	GE-Z032-P Order No.: 21031302	GE-K032-P Order No.: 21031301		

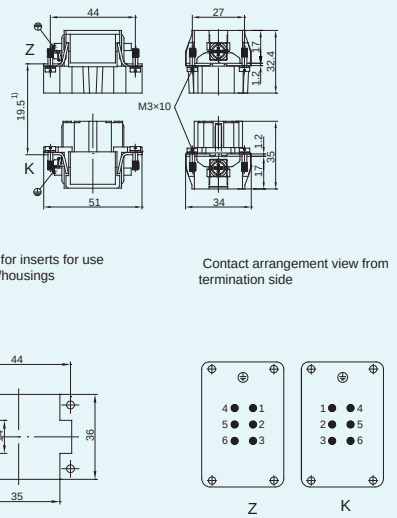
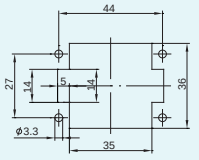
48+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GE-Z048-S Order No.: 20031700	GE-K048-S Order No.: 21031700	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G48B series on P 10.14
Crimp terminal 	GE-Z048-P Order No.: 20031701	GE-K048-P Order No.: 21031701		

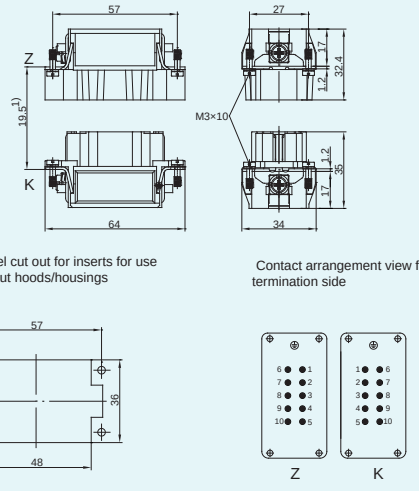
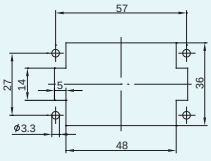
GE

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6+ ⏚ 500V 16A

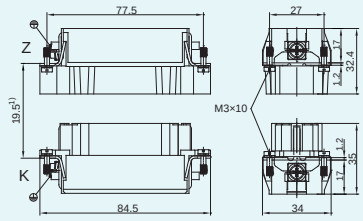
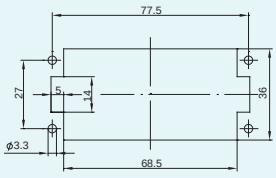
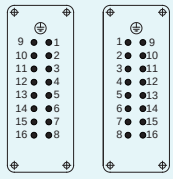
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal	GES-Z006 Order No.: 20031102	GES-K006 Order No.: 21031102	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G6B series on $P_{10.06}$

10+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal	GES-Z010 Order No.: 20060602	GES-K010 Order No.: 21060602	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on $P_{10.08}$

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

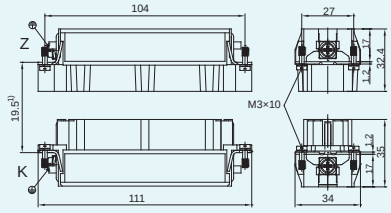
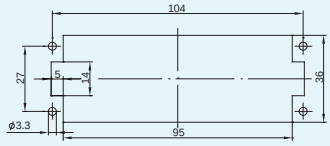
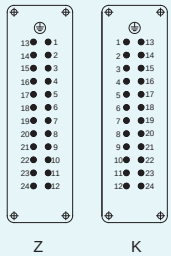
16+ ⏚ 500V 16A

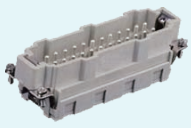
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal	GES-Z016 Order No.: 20060902	GES-K016 Order No.: 21060902	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  	G16B series on P10.09





24+ ⏚ 500V 16A

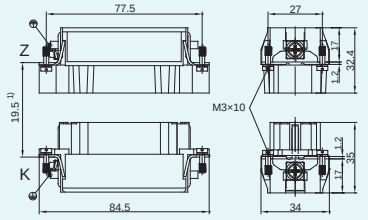
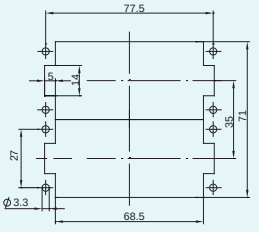
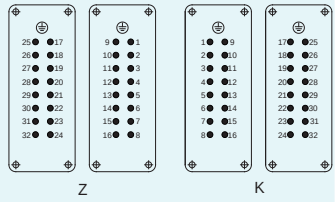
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal	GES-Z024 Order No.: 20061102	GES-K024 Order No.: 21061102	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  	G24B series on P10.11



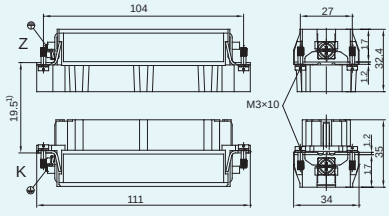
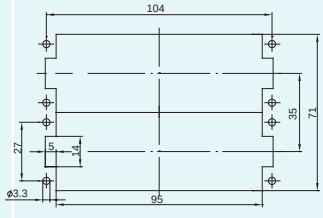
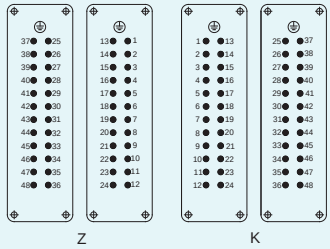


B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 500V 16A

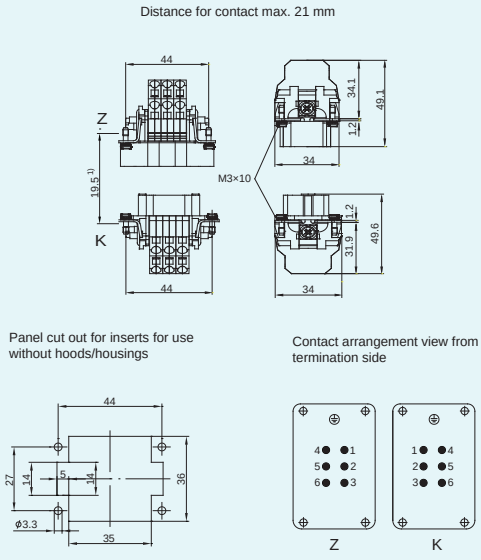
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal 	GES-Z032 Order No.: 20061302		Distance for contact max. 21 mm 	G32B series on P10.12
	GES-K032 Order No.: 21061302		Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	

48+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal 	GES-Z048 Order No.: 20061702		Distance for contact max. 24 mm 	G48B series on P10.14
	GES-K048 Order No.: 21061702		Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	

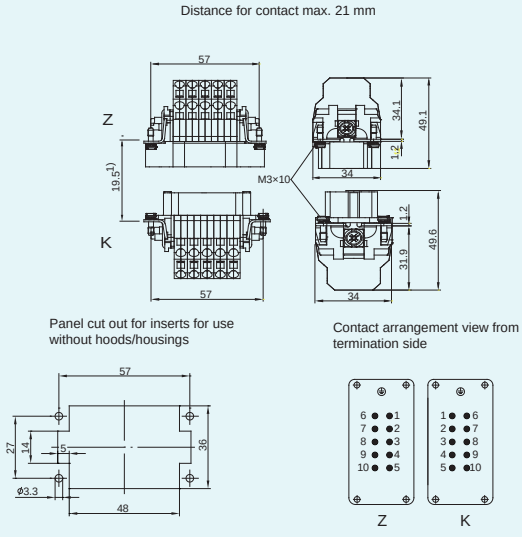
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z006 Order No.: 20071802			G6B series on $P_{10.06}$
		GESS-K006 Order No.: 21071802		

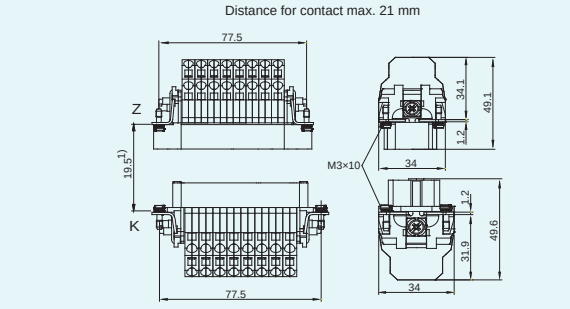
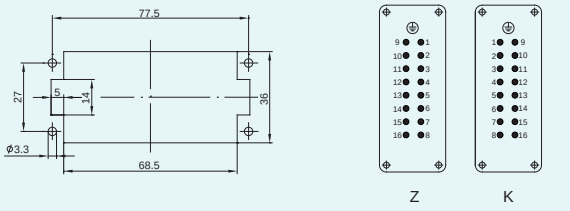
GESS

10+ ⏚ 500V 16A

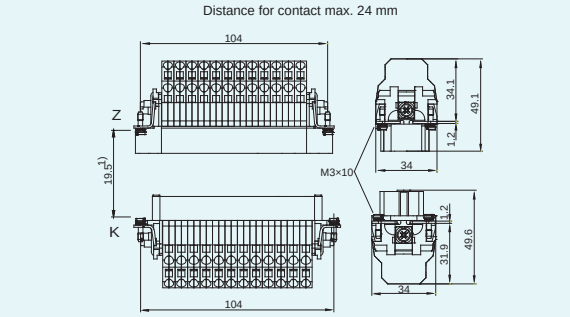
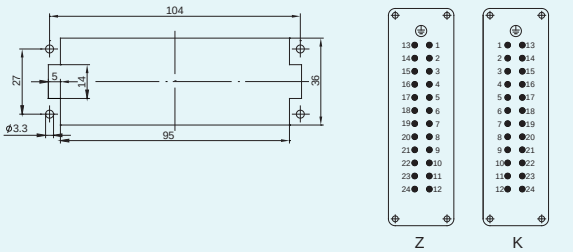
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z010 Order No.: 20070602			G10B series on $P_{10.12}$
		GESS-K010 Order No.: 21070602		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

16+ ⏚ 500V 16A

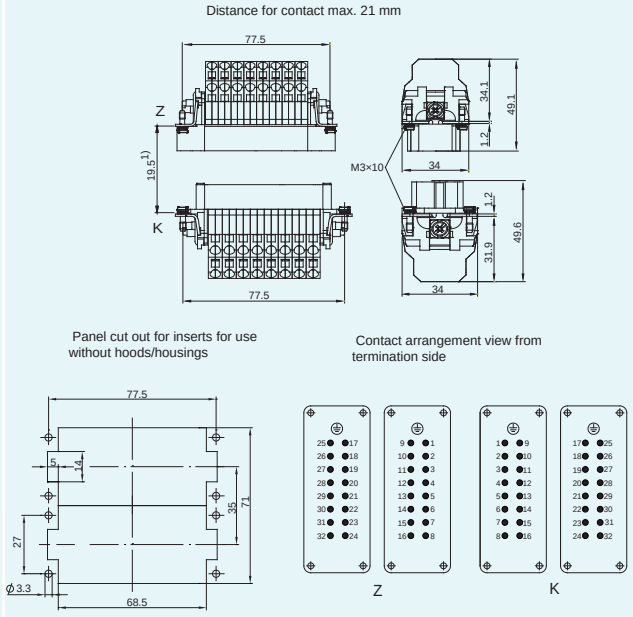
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z016 Order No.: 20070902			G16B series on $P_{10.09}$
		GESS-K016 Order No.: 21070902		

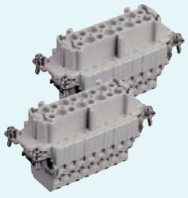
24+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z024 Order No.: 20071703			G24B series on $P_{10.11}$
		GESS-K024 Order No.: 21071102		

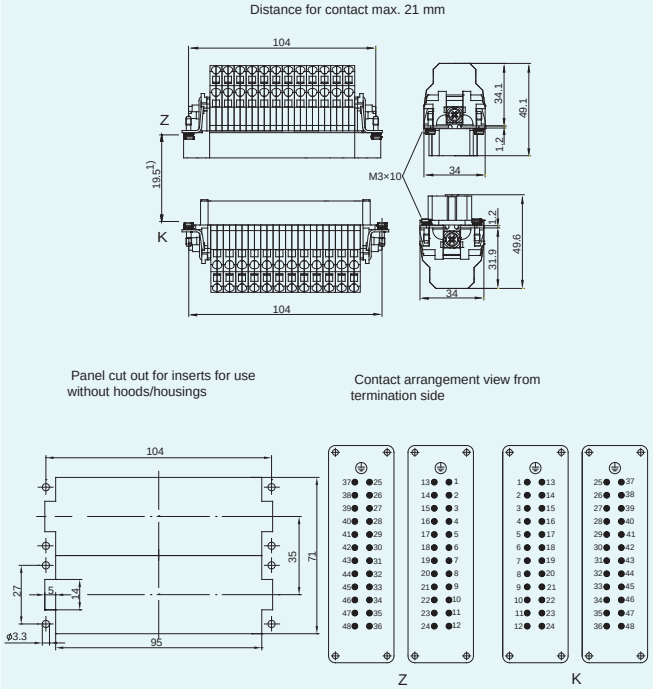
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z032 Order No.: 20071302	GESS-K032 Order No.: 21071302		G32B series on $P_{10.12}$



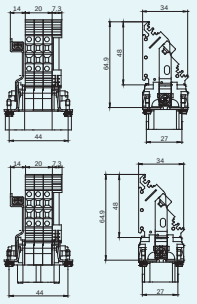
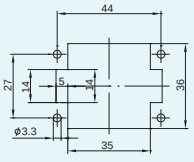
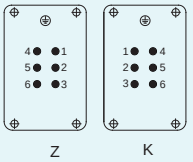
48+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Spring terminal (2 terminals per contact) 	GESS-Z048 Order No.: 20071702	GESS-K048 Order No.: 21071702		G48B series on $P_{10.12}$

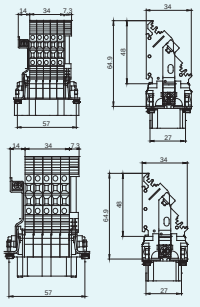
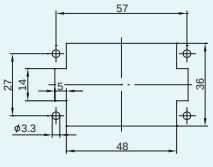
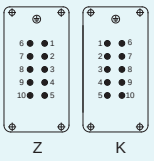


B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6+ ⏚ 500V 16A

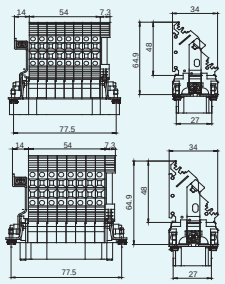
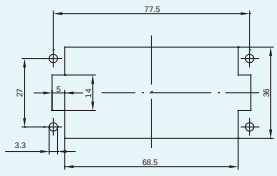
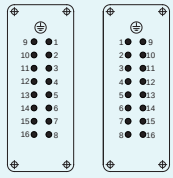
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GEAV-Z006 Order No.: 20080302	GEAV-K006 Order No.: 21080302	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G6B series (Bulkhead housing) on P10.06

10+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GEAV-Z010 Order No.: 20081802	GEAV-K010 Order No.: 21080602	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G10B series (Bulkhead housing) on P10.08

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

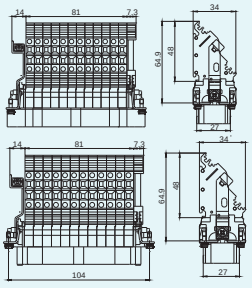
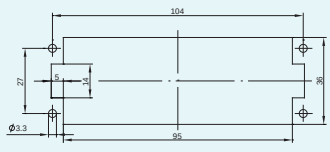
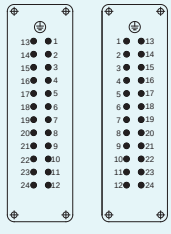
16+ ⏚ 500V 16A

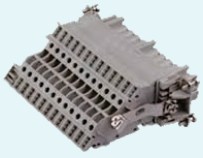
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GEAV-Z016 Order No.: 20080902	GEAV-K016 Order No.: 21080902	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G16B series (Bulkhead housing) on P10.09





24+ ⏚ 500V 16A

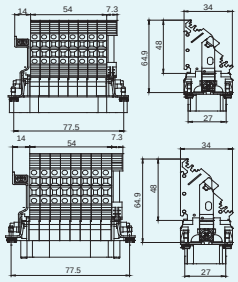
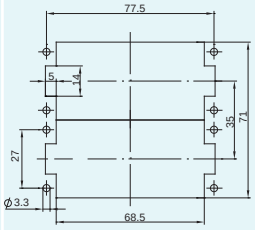
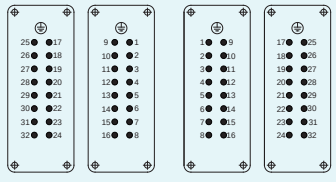
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GEAV-Z024 Order No.: 20081102	GEAV-K024 Order No.: 21081102	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G24B series (Bulkhead housing) on P10.11



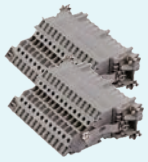
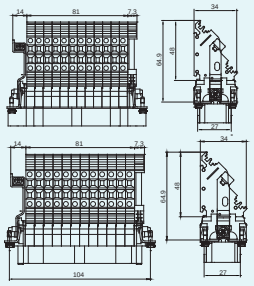
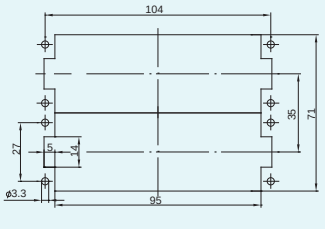
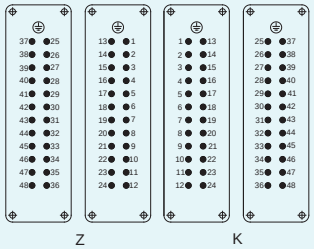


B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GEAV-Z032 Order No.: 20081302	GEAV-K032 Order No.: 21081302	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G32B series (Bulkhead housing) on P 10.12
				

48+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GEAV-Z048 Order No.: 20081702	GEAV-K048 Order No.: 21081702	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G48B series (Bulkhead housing) on P 10.14
				

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN VDE 0627

DIN VDE 0110

DIN EN 61984

Male/Female inserts

Number of contacts	10、18、32、46、64 (2x32) 92(2x46)+PE
Rated current	16A
※Current carrying capacity sheet	
Rated voltage	500V
Impulse voltage	6 kV
Pollution degree	3
Insulation resistance	≥10^{10}Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts

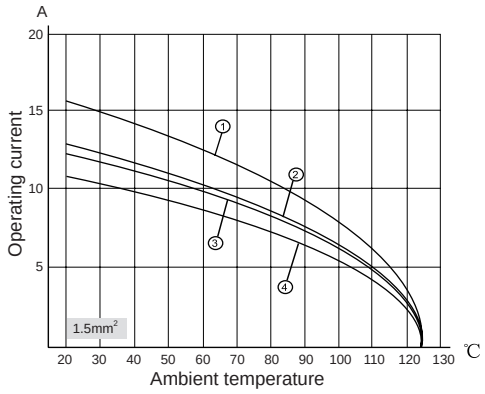
Material	Copper
Surface	Gold-Plated
	Silver-plated
Contact resistance	≤1mΩ
Terminal	Crimp terminal
Crimp terminal	
mm^2	0.5-4.0mm^2
AWG	20-12
Stripping length	7.5mm

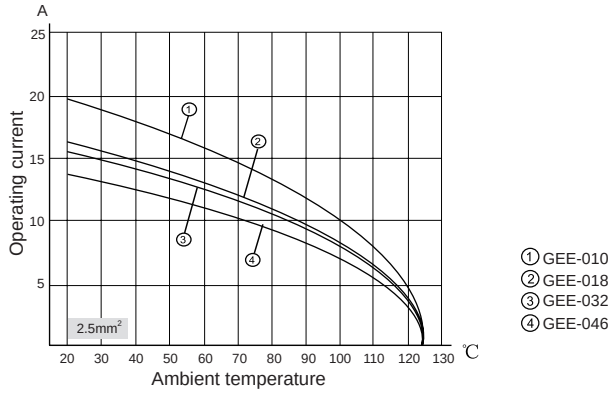
Hoods,housings

Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

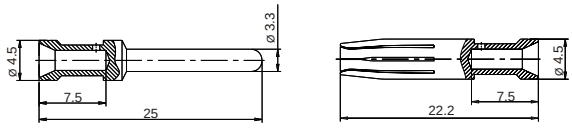
Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3





Crimp contact



Silver-plated

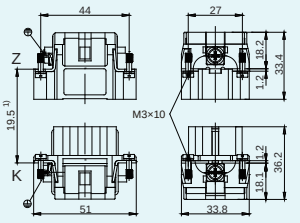
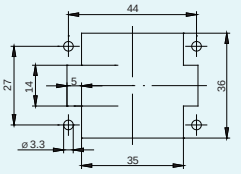
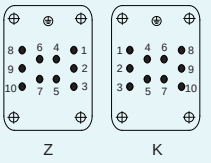
Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm^2	AWG20	7.5mm	K-S0.5/A	23000100	Z-S0.5/A	22000100
0.75mm^2	AWG18	7.5mm	K-S0.75/A	23000200	Z-S0.75/A	22000200
1.0mm^2	AWG18	7.5mm	K-S1/A	23000300	Z-S1/A	22000600
1.5mm^2	AWG16	7.5mm	K-S1.5/A	23000400	Z-S1.5/A	22000300
2.5mm^2	AWG14	7.5mm	K-S2.5/A	23000500	Z-S2.5/A	22000500
3.0mm^2	AWG12	7.5mm	K-S3/A	23000600	Z-S3/A	22030500
4.0mm^2	AWG12	7.5mm	K-S4/A	23000700	Z-S4/A	22000700

Gold-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm^2	AWG20	7.5mm	K-G0.5/A	23100100	Z-G0.5/A	22100100
0.75mm^2	AWG18	7.5mm	K-G0.75/A	23100200	Z-G0.75/A	22100200
1.0mm^2	AWG18	7.5mm	K-G1/A	23100300	Z-G1/A	22100300
1.5mm^2	AWG16	7.5mm	K-G1.5/A	23100400	Z-G1.5/A	22100400
2.5mm^2	AWG14	7.5mm	K-G2.5/A	23100500	Z-G2.5/A	22100500
3.0mm^2	AWG12	7.5mm	K-G3/A	23100600	Z-G3/A	22100600
4.0mm^2	AWG12	7.5mm	K-G4/A	23100700	Z-G4/A	22100700

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

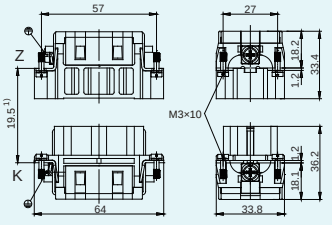
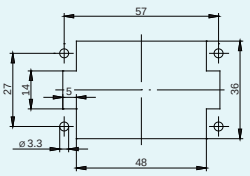
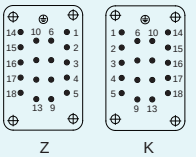
10+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GEE-Z010-P Order No.: 20040600	GEE-K010-P Order No.: 21040600	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G6B series on $P_{10.06}$





18+ ⏚ 500V 16A

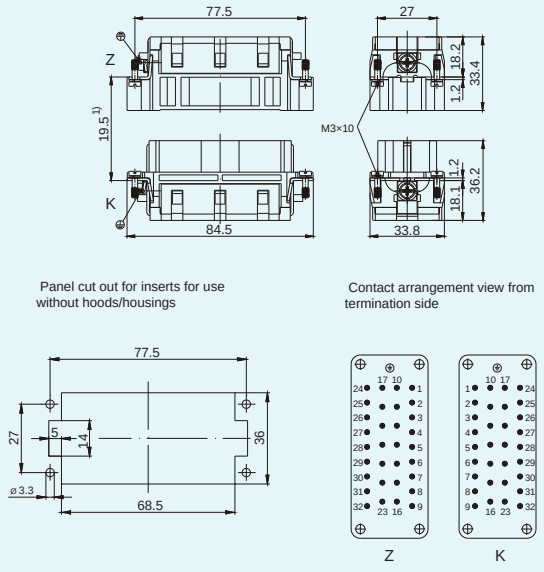
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GEE-Z018-P Order No.: 20041000	GEE-K018-P Order No.: 21041000	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G10B series on $P_{10.08}$





B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

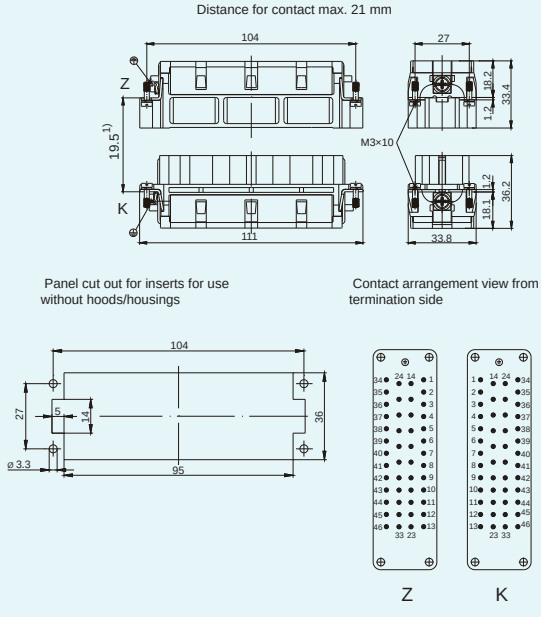
32+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GEE-Z032-P Order No.: 20041300	GEE-K032-P Order No.: 21041300	Distance for contact max. 21 mm 	G16B series on $P_{10.09}$





46+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GEE-Z046-P Order No.: 20041600	GEE-K046-P Order No.: 21041600	Distance for contact max. 21 mm 	G24B series on $P_{10.11}$

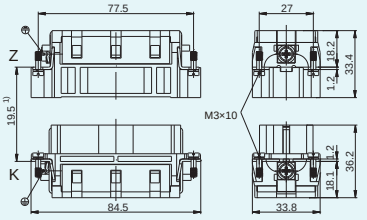
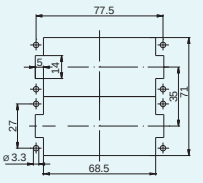
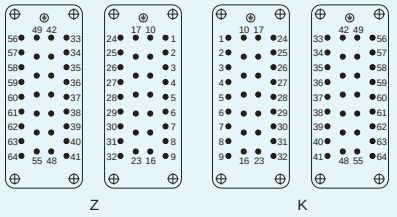




GEE

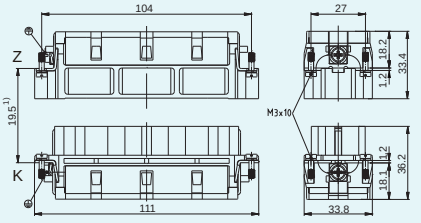
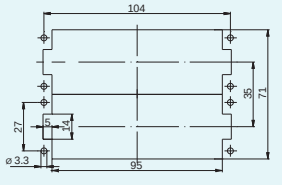
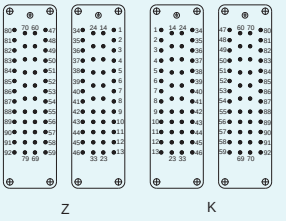
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

64+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal 	GEE-Z064-P Order No.: 20041900	GEE-K064-P Order No.: 21041900	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on $P_{10.12}$

GEE

92+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal 	GEE-Z092-P Order No.: 20042000	GEE-K092-P Order No.: 21042000	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G48B series on $P_{10.14}$

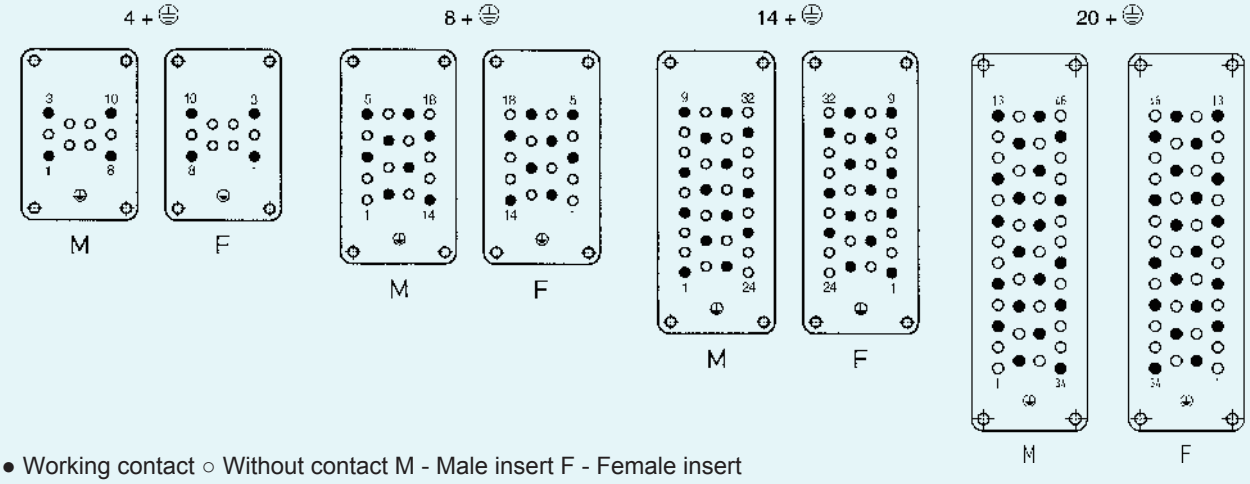
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GEE Modified contact arrangement up to 1000 V

The GEE connector series equipped with all contacts may be used for voltages up to 500 V ~ pollution degree 3.
A modified contact loading arrangement permits use up to 1000 V ~ pollution degree also in pollution degree C.

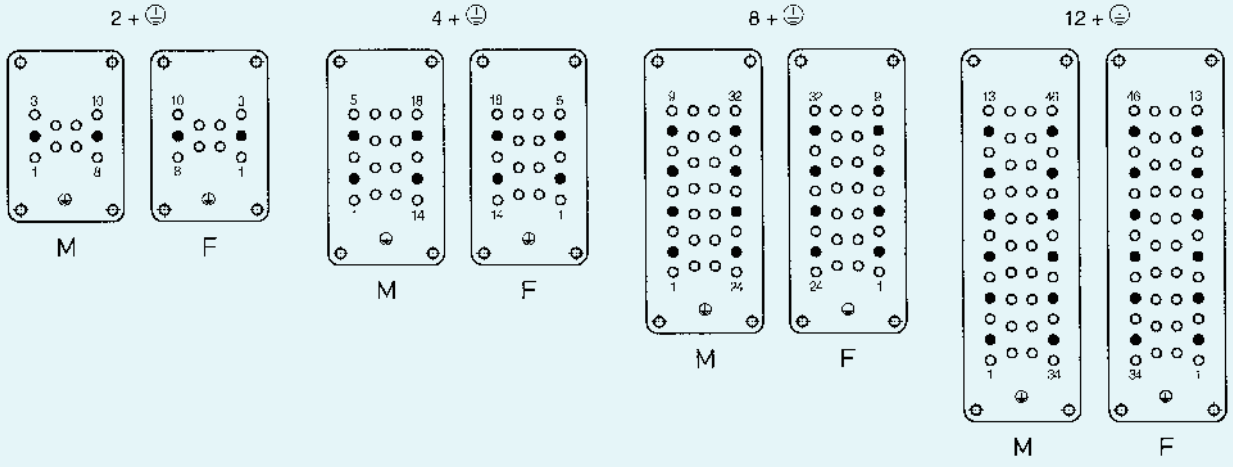
Modified contact arrangement view from termination side

690 V Pollution degree 3



● Working contact ○ Without contact M - Male insert F - Female insert

1000 V Pollution degree 3



● Working contact ○ Without contact M - Male insert F - Female insert

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 60664
DIN EN 61984

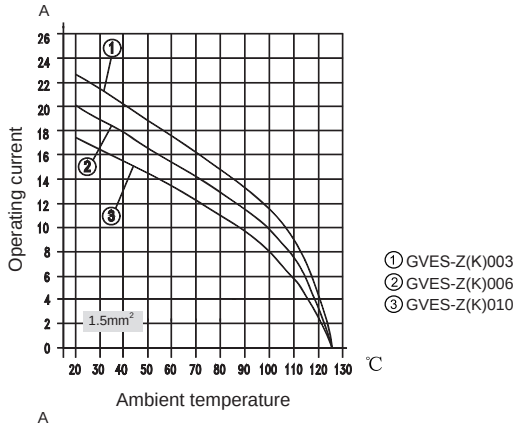
Male/Female inserts	
Number of contacts	3、6、10、12、20+PE
Electrical data acc. to DIN EN 61 984	
Rated current	16A
Rated voltage	830V
Impulse voltage	8 kV
Pollution degree	3
Pollution degree 2 also	16A 1000V 8kV 2
Or	16A 720/1250 V 8kV 2
Relay contacts	16A 500 V 6kV 3
Rated voltage acc. to UL/CSA	600 V
Relay contacts	250 V
Insulation resistance	≥10^{10}Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

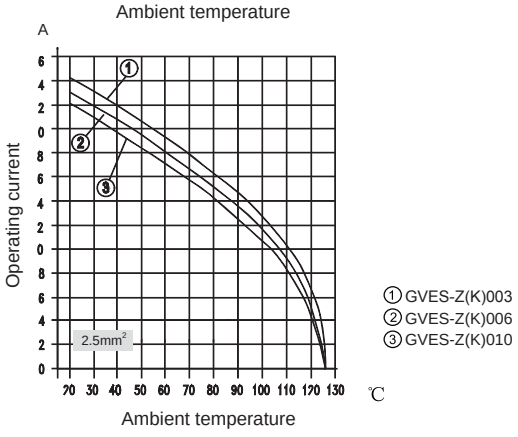
Contacts	
Material	Copper
Surface	Silver-plated
Contact resistance	≤3mΩ
Cage clamp terminal	
mm^2	0.14-2.5mm^2
AWG	26-14
Stripping length	7-9mm

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

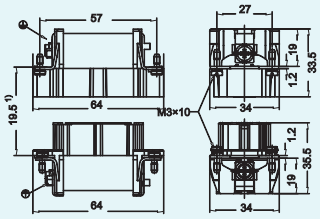
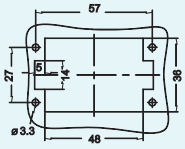
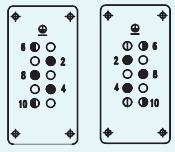
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3





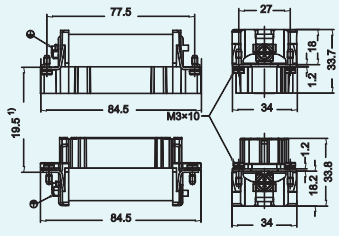
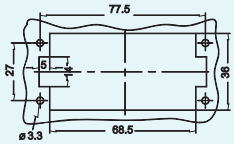
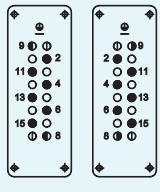
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

3+2+ ⏚ 830V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Cage calmp terminal	GVES-Z003 Order No.: 20090002	GVES-K003 Order No.: 21090002	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G10B series on P10.08

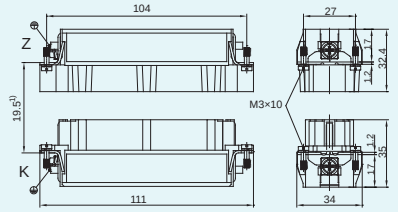
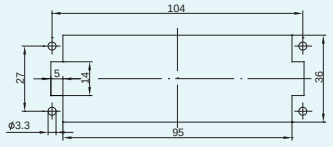
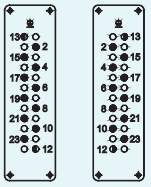
GVES

6+2+ ⏚ 830V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Cage calmp terminal	GVES-Z006 Order No.: 20090003	GVES-K006 Order No.: 21090003	Distance for contact max. 21 mm  anel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side  Z K	G16B series on P10.09

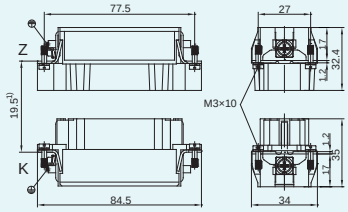
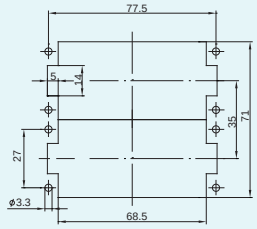
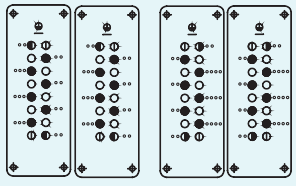
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

10+2+⏚ 830V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Cage clamp terminal 	GVES-Z010 Order No.: 20090004	GVES-K010 Order No.: 21090004	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G24B series on P10.11
				

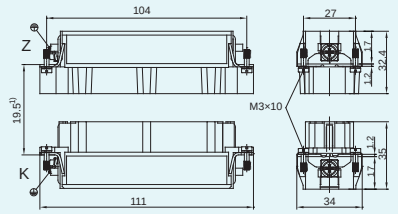
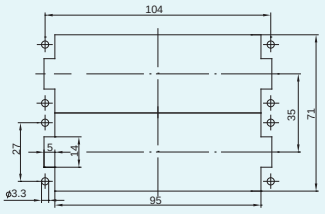
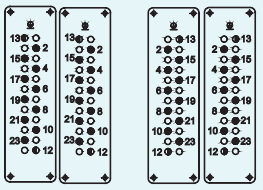
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

12+4+ ⏚ 830V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Cage clamp terminal				
	GVES-Z012 Order No.: 20090005		 Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on P10.12
		GVES-K012 Order No.: 21090005		

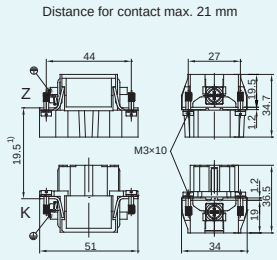
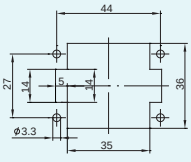
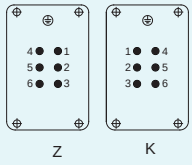
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

20+4+⏚ 500V 16A

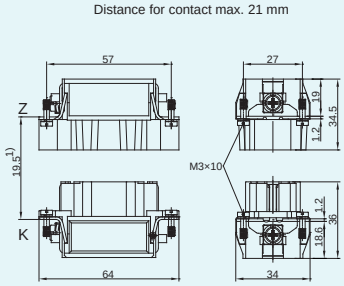
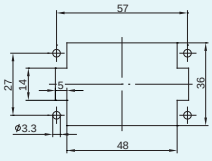
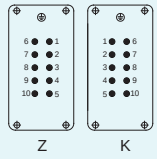
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Cage clamp terminal	GVES-Z020 Order No.: 20090006	GVES-K020 Order No.: 21090006	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G48B series on P10.14

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6+ ⏚ 500V 16A

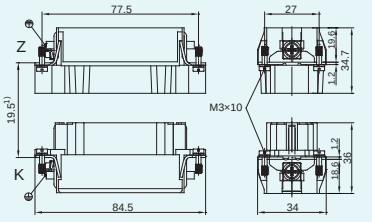
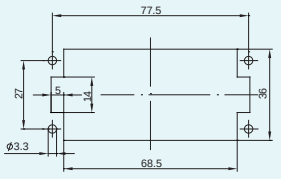
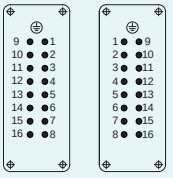
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal 	GEB-Z006 Order No.: 20090007		 Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G6B series on $P_{10.06}$
		GEB-K006 Order No.: 21090007		

10+ ⏚ 500V 16A

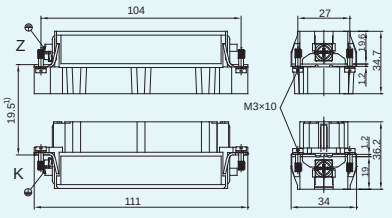
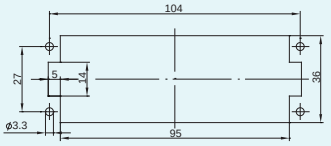
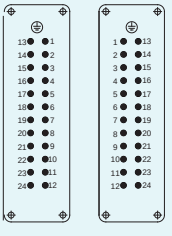
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal 	GEB-Z010 Order No.: 20090008		 Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on $P_{10.08}$
		GEB-K010 Order No.: 21090008		

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

16+ ⏚ 500V 16A

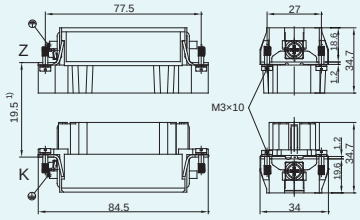
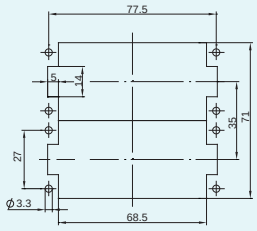
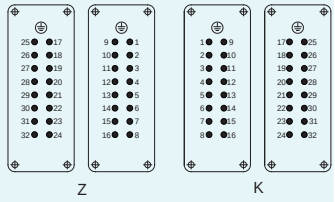
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal	GEB-Z016 Order No: 21060702	GEB-K016 Order No.: 20060702	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on $P_{10.09}$

24+ ⏚ 500V 16A

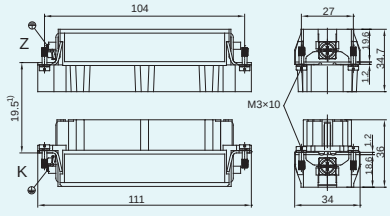
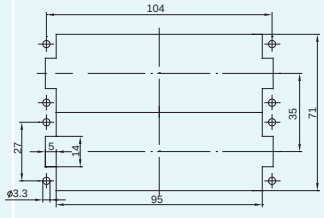
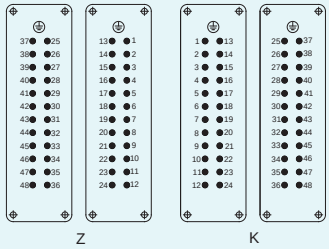
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal	GEB-Z024 Order No.: 20090010	GEB-K024 Order No.: 21090010	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G24B series on $P_{10.11}$

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

32+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal 	GEB-Z032 Order No.: 20090011	GEB-K032 Order No.: 21090011	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on $P_{10.12}$

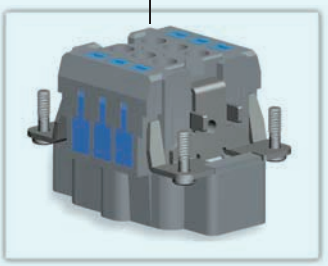
48+ ⏚ 500V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Quick spring terminal 	GEB-Z048 Order No.: 20090012	GEB-K048 订货号/Order No.: 21090012	Distance for contact max. 24 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G48B series on $P_{10.14}$

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Product characters

In this kind of connector, the wires are connected to the socket and plug insert contacts by means of a spring terminal with actuator button.



Assembly instructions



Step 1: With the wire insulation removed , length between 9~11 mm ；

Step 2: Use a screwdriver with a 0.5x3.5 mm blade to push the actuator button to the bottom.

Step 3: Deep insertion of the conductor in its own round seat

Step 4: Press the actuator button to close the terminal.

Step 5: Completed.

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification	
	DIN VDE 0627
	DIN VDE 0110
	DIN EN 61984

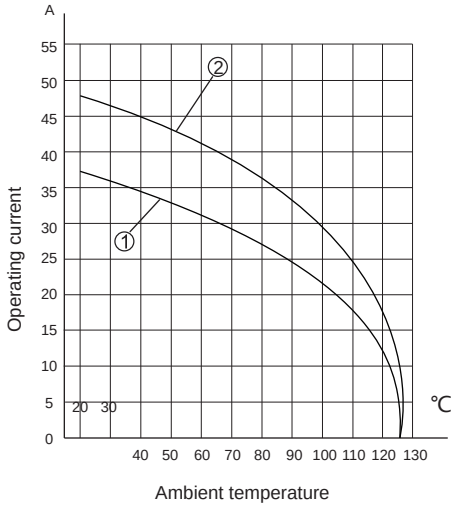
Male/Female inserts	
Number of contacts	6+PE
Rated current	
GSB-006	35A
Current carrying capacity sheet	
Rated voltage	
GSB-006	400/690V
Impulse voltage	6 kV
Pollution degree	3(C)
Insulation resistance	≥10^{10}Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper
Surface	Gold-Plated Silver-plated
Contact resistance	≤1mΩ
Terminal	Screw terminal
Crimp terminal	
mm^2	6mm^2
AWG	10
Screw terminal	
mm^2	1-2.5mm^2
AWG	18-14
Tightening/test torque	1.2Nm

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

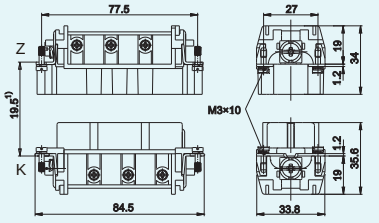
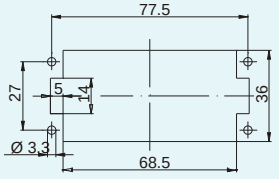
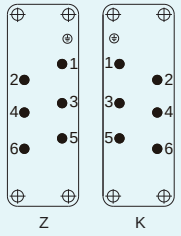


①Wire guage： 4 mm^2

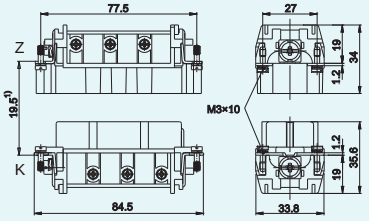
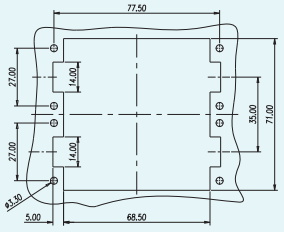
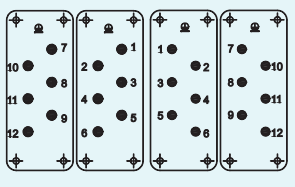
②Wire guage： 6 mm^2

GSB

6+ ⏚ 400/690V 35A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GSB-Z006-S Order No.: 20050300	GSB-K006-S Order No.: 21050300	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G16B series on P10.09

12+ ⏚ 400/690V 35A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GSB-Z012-S Order No.: 20050301	GSB-K012-S Order No.: 21050301	Distance for contact max. 21 mm  Panel cut out for inserts for use without hoods/housings  Contact arrangement view from termination side 	G32B series on P10.12

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN VDE 0627
DIN VDE 0110
DIN EN 61984

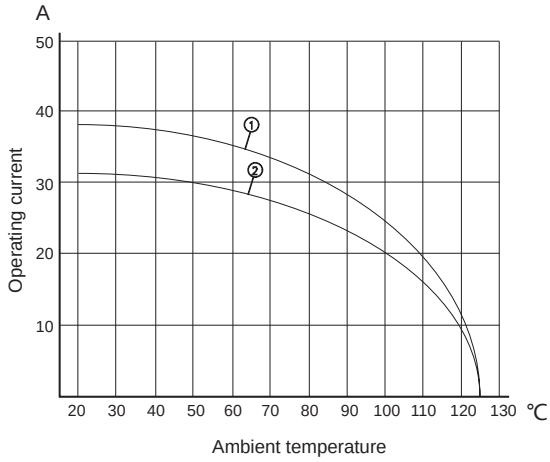
Male/Female inserts	
Number of contacts	12/2+PE
Electrical dataacc. to EN 61 984	
Power area	40 A 690 V 8 kV 3
Rated current	40A
Rated voltage	690V
Rated impulse voltage	8kV
Pollution degree	3
Signal area	10 A 250 V 4 kV 3
Rated current	40A
Rated voltage	690V
Rated impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 300 V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +100℃/125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Gold-Plated Silver-plated
Contact resistance	≤0.3mΩ
Crimp terminal	
mm^2	1.5-6mm^2
AWG	16- 10
Signal contacts	
Material	Copper alloy
Surface	Gold-Plated Silver-plated
Contact resistance	≤3mΩ
Crimp terminal	
mm^2	0.14-2.5mm^2
AWG	26-14

Hoods,housings	16B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

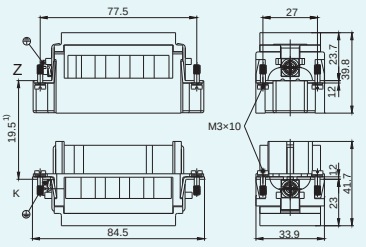
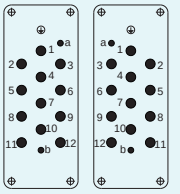


① Wire guage : 6mm^2
② Wire guage : 4mm^2

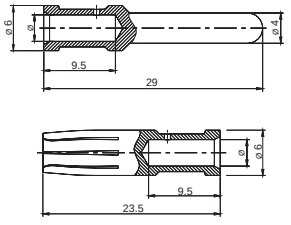
GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

12/2+⏚ 690/250V 40/10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal	GK-Z012-P Order No.: 20060700		Distance for contact max. 21 mm  Contact arrangement view from termination side 	G16B series on $P_{10.09}$
		GK-K012-P Order No.: 21060700		

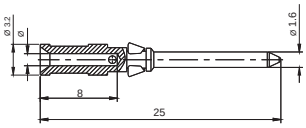
Crimp contact



Silver-plated



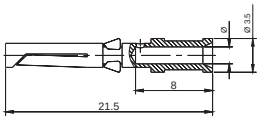
Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
1.5mm²	AWG16	9mm	K-S1.5/K	23120900	Z-S1.5/K	22120900
2.5mm²	AWG14	9mm	K-S2.5/K	23030500	Z-S2.5/K	22010800
4.0mm²	AWG12	9.5mm	K-S4/K	23120700	Z-S4/K	22120700
6.0mm²	AWG10	9.5mm	K-S6/K	23120800	Z-S6/K	22120800



Silver-plated



Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm²	AWG20	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm²	AWG18	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm²	AWG18	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm²	AWG16	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm²	AWG14	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500



Gold-plated



Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm²	AWG20	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm²	AWG18	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm²	AWG18	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm²	AWG16	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm²	AWG14	6mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification	
	DIN EN 61984
	DIN EN 60664

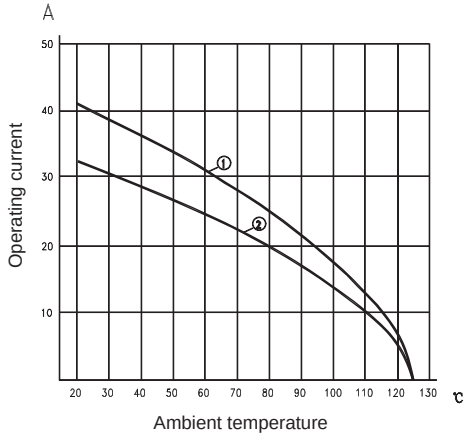
Male/Female inserts	
Number of contacts	8/24+PE
Electrical data acc. to EN 61 984	
Power area	16 A 230/400 V 4 kV 3
Rated current	16A
Rated voltage conductor-ground	230V
Rated voltage conductor-conductor	690V
Rated impulse voltage	4kV
Pollution degree	3
Signal area	10 A 160 V 2.5 kV 3
Rated current	10A
Rated voltage	160V
Rated impulse voltage	2.5kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 300 V
Nsulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +100℃/125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Gold-Plated
	Silver-plated
Contact resistance	≤1mΩ
Crimp terminal	
mm^2	$0.5\text{-}4mm^2$
AWG	20- 12
Signal contacts	
Material	Copper alloy
Surface	Gold-Plated
	Silver-plated
Contact resistance	≤3mΩ
Crimp terminal	
mm^2	$0.14\text{-}2.5mm^2$
AWG	25-14

Hoods,housings	10B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5

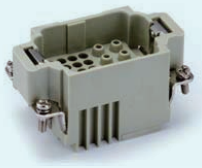
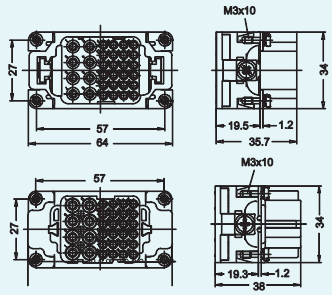
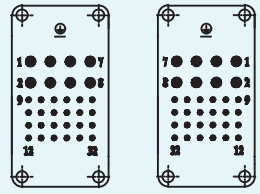


① Wire guage : $4.0mm^2$
② Wire guage : $2.5mm^2$

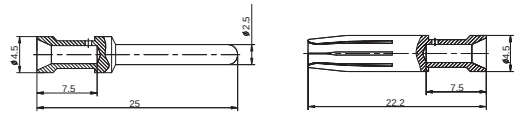
GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

8/24+ ⏚ 400/160V 16/10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal			Distance for contact max. 21 mm	
	GK-Z008/24 Order No.: 20090013			G10B series on P 10.08
		GK-K008/24 Order No.: 21090013	Contact arrangement view from termination side 	

Power contacts



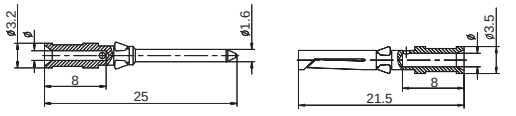
Silver-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-S0.5/A	23000100	Z-S0.5/A	22000100
0.75mm²	AWG18	7.5mm	K-S0.75/A	23000200	Z-S0.75/A	22000200
1.0mm²	AWG18	7.5mm	K-S1/A	23000300	Z-S1/A	22000600
1.5mm²	AWG16	7.5mm	K-S1.5/A	23000400	Z-S1.5/A	22000300
2.5mm²	AWG14	7.5mm	K-S2.5/A	23000500	Z-S2.5/A	22000500
3.0mm²	AWG12	7.5mm	K-S3/A	23000600	Z-S3/A	22030500
4.0mm²	AWG12	7.5mm	K-S4/A	23000700	Z-S4/A	22000700

Gold-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-G0.5/A	23100100	Z-G0.5/A	22100100
0.75mm²	AWG18	7.5mm	K-G0.75/A	23100200	Z-G0.75/A	22100200
1.0mm²	AWG18	7.5mm	K-G1/A	23100300	Z-G1/A	22100300
1.5mm²	AWG16	7.5mm	K-G1.5/A	23100400	Z-G1.5/A	22100400
2.5mm²	AWG14	7.5mm	K-G2.5/A	23100500	Z-G2.5/A	22100500
3.0mm²	AWG12	7.5mm	K-G3/A	23100600	Z-G3/A	22100600
4.0mm²	AWG12	7.5mm	K-G4/A	23100700	Z-G4/A	22100700

Signal contacts



Silver-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm²	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm²	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm²	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm²	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm²	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm²	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm²	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm²	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm²	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm²	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 61984

DIN EN 60664

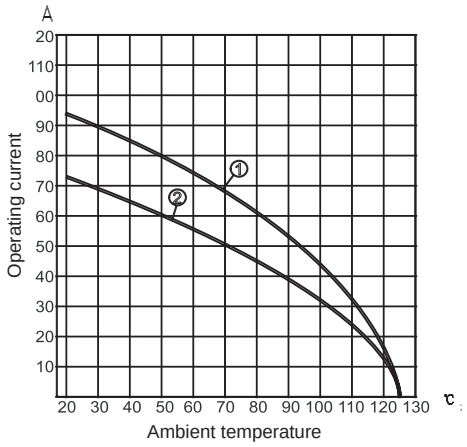
Male/Female inserts	
Number of contacts	4/0,4/2+PE
Electrical data acc. to EN 61 984	
Power area	80 A 830 V 8 kV 3
Rated current	80A
Rated voltage	830V
Rated impulse voltage	8kV
Pollution degree	3
Signal area	10 A 160 V 2.5 kV 3
Rated current	10A
Rated voltage	160V
Rated impulse voltage	2.5kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 300 V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.3mΩ
Screw terminal	
mm^2	$1.5\text{-}16mm^2$
AWG	16-6
Stripping length	14 mm
Signal contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤1mΩ
Screw terminal	
mm^2	$0.5\text{-}2.5mm^2$
AWG	20-14
Stripping length	7.5 mm

Hoods,housings	16B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



①Wire guage：16mm ^{2}

②Wire guage：10mm ^{2}

GK

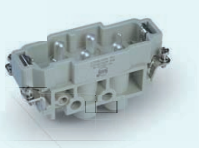
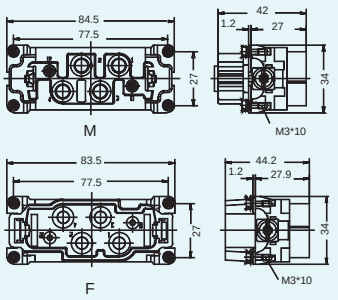
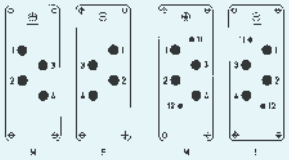
B.C.E. s.r.l.

Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy

Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500

www.bce.it - E-mail: bce@bce.it

4/0,4/2+⏚ 830/400V 80/16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GK-Z004/0 Order No.: 20060802	GK-K004/0 Order No.: 21060802	Distance for contact max. 21 mm  Contact arrangement view from termination side 	G16B series on P10.09
Screw terminal 	GK-Z004/2 Order No.: 20060801	GK-K004/2 Order No.: 21060801		

GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 61984

DIN EN 60664

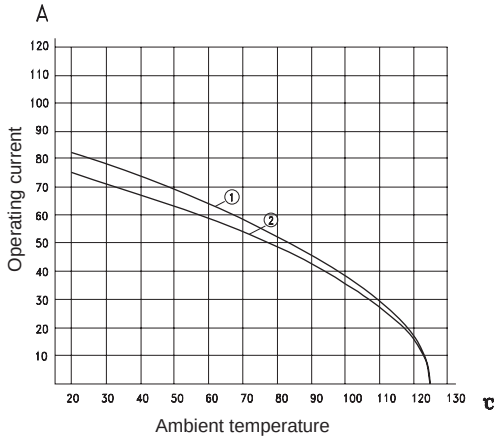
Male/Female inserts	
Number of contacts	4/8+PE
Electrical data acc. to EN 61 984	
Power area	80 A 400 V 6 kV 3
Rated current	80A
Rated voltage	400V
Rated impulse voltage	6kV
Pollution degree	3
Signal area	16 A 400 V 6 kV 3
Rated current	16A
Rated voltage	400V
Rated impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.3mΩ
Screw terminal	
mm^2	1.5-16mm^2
AWG	16-6
Stripping length	14 mm
Signal contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤1mΩ
Screw terminal	
mm^2	0.5-2.5mm^2
AWG	20-14
Stripping length	7.5 mm

Hoods,housings	24B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

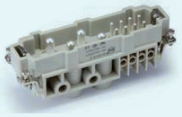
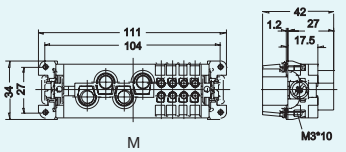
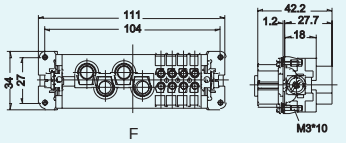
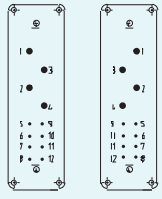
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5

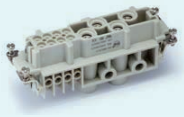


①Wire guage : 16mm ^{2}
②Wire guage : 10mm ^{2}

GK

4/8+⏚ 400/400V 80/16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal 	GK-Z004/8 Order No.: 20060803	GK-K004/8 Order No.: 21060803	Distance for contact max. 21 mm  M  F Contact arrangement view from termination side  M F	G24B series on P10.11



GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 61984

DIN EN 60664

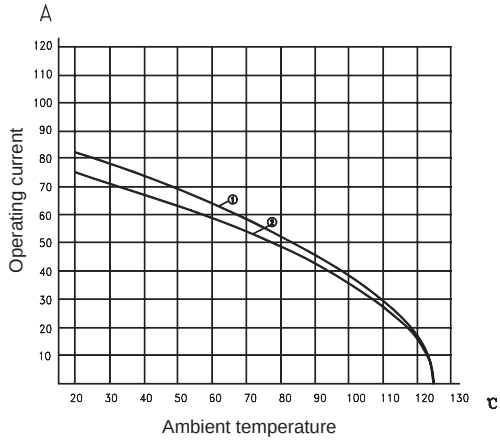
Male/Female inserts	
Number of contacts	6/6+PE
Electrical data acc. to EN 61 984	
Power area	40 A 400/690 V 6 kV 3
Rated current	40A
Rated voltage	400/690 V
Rated impulse voltage	6kV
Pollution degree	3
Signal area	16 A 230/400 V 4 kV 3
Rated current	16A
Rated voltage	230/400 V
Rated impulse voltage	4kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 600 V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.3mΩ
Screw terminal	
mm^2	$4\text{-}10mm^2$
AWG	12-8
Signal contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.3mΩ
Screw terminal	
mm^2	$1\text{-}2.5mm^2$
AWG	18-4

Hoods,housings	24B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



①Wire guage：$16mm^2$

②Wire guage：$10mm^2$

GWK

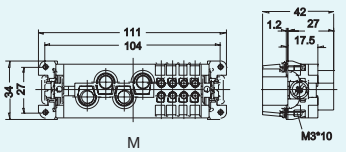
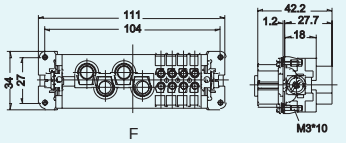
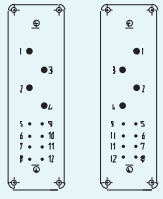
B.C.E. s.r.l.

Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy

Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500

www.bce.it - E-mail: bce@bce.it

6/6+⏚ 690/400V 40/16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Screw terminal	GWK-Z006/6 Order No.: 20090017	GWK-K006/6 Order No.: 21090017	Distance for contact max. 21 mm  M  F Contact arrangement view from termination side  M F	G24B series on P10.11





B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 61984

DIN EN 60664

Male/Female inserts

Number of contacts	6/12+PE
Electrical data acc. to EN 61 984	
Power area	40 A 690 V 6 kV 3
Rated current	40A
Rated voltage	690V
Rated impulse voltage	6kV
Pollution degree	3
Signal area	10 A 230/400 V 4 kV 3
Rated current	16A
Rated voltage	400V
Rated impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 300 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts

Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.5mΩ
Screw terminal	
mm^2	2.5-10mm^2
AWG	14-8
Max. insulation diameter	6.1 mm

Stripping length

mm^2	2.5	4	6	10
mm	5^{+1}	5^{+1}	8^{+1}	8^{+1}

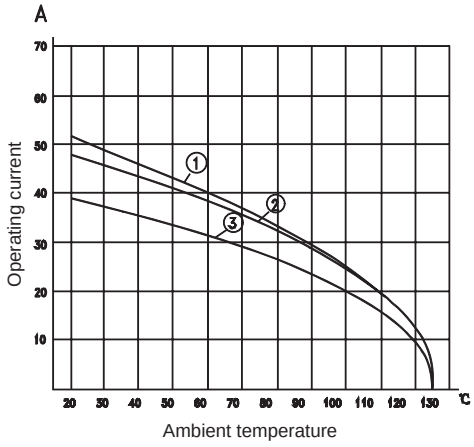
Signal contacts

Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤3mΩ
Screw terminal	
mm^2	0.2-2.5mm^2
AWG	24-14
Stripping length	7.5 mm

Hoods,housings	24B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector GK-012	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5

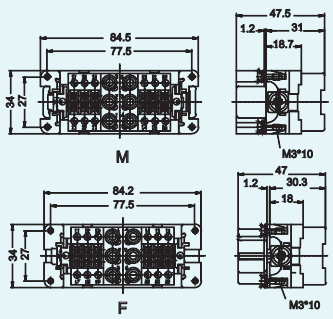
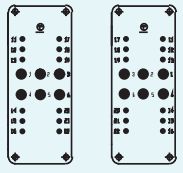


①Wire guage：10mm ^{2}
②Wire guage： 6mm ^{2}
③Wire guage： 4mm ^{2}

GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6/12+⏚ 690/400 V 40/10 A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal Screw terminal	GK-Z006.1/12 (2.5-8mm²) Order No.: 20090018 GK-Z006.2/12 (6-10mm²) Order No.: 20090019	GK-K006.1/12 (2.5-8mm²) Order No.: 21090018 GK-K006.2/12 (6-10mm²) Order No.: 21090019	Distance for contact max. 21 mm  Contact arrangement view from termination side 	G16B series on P10.09

GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification	
	DIN EN 61984
	DIN EN 60664

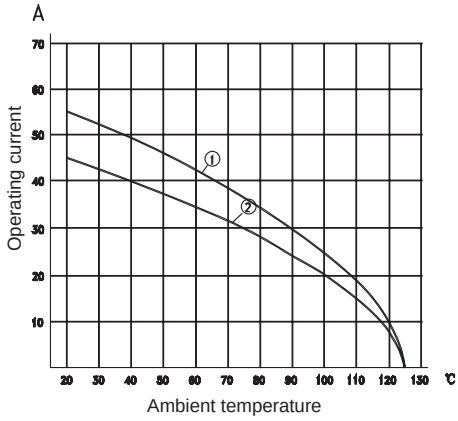
Male/Female inserts	
Number of contacts	6/36+PE
Electrical data acc. to EN 61 984	
Power area	40 A 690 V 8 kV 3
Rated current	40A
Rated voltage	690V
Rated impulse voltage	8kV
Pollution degree	3
Signal area	10 A 160 V 2.5 kV 3
Rated current	10A
Rated voltage	160V
Rated impulse voltage	2.5kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V / 300 V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Gold-plated
	Silver-plated
Contact resistance	≤0.3mΩ
Screw terminal	
mm^2	1.5-6 mm^2
AWG	16-10
Max. insulation diameter	5 mm
Signal contacts	
Material	Copper alloy
Surface	Gold-plated
	Silver-plated
Contact resistance	≤3mΩ
Screw terminal	
mm^2	0.14-2.5mm^2
AWG	26-14

Hoods,housings	24B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

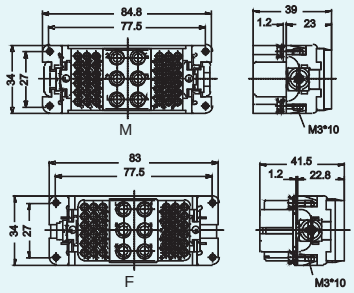
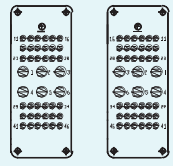
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



①Wire guage：6.0mm^2
②Wire guage：4.0mm^2

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

6/36+⏚ 690/160 V 40/10 A

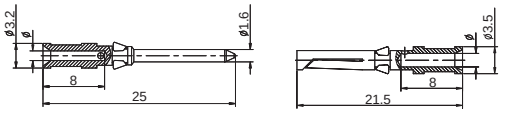
Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal Screw terminal	GK-Z006/36 Order No.: 20060804	GK-K006/36 Order No.: 21060804	Distance for contact max. 21 mm  Contact arrangement view from termination side  	G16B series on P10.09





GK

Signal contacts



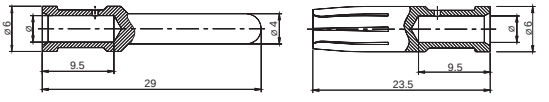
Silver-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm²	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm²	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm²	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm²	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm²	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm²	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm²	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm²	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm²	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm²	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

Signal contacts



Silver-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
1.5mm²	AWG16	9mm	K-S1.5/K	23120900	Z-S1.5/K	22120900
2.5mm²	AWG14	9mm	K-S2.5/K	23030500	Z-S2.5/K	22010800
4.0mm²	AWG12	9.5mm	K-S4/K	23120700	Z-S4/K	22120700
6.0mm²	AWG10	9.5mm	K-S6/K	23120800	Z-S6/K	22120800

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification	
	DIN EN 61984
	DIN EN 60664

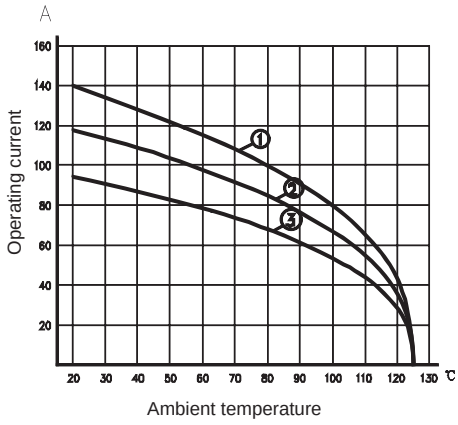
Male/Female inserts	
Number of contacts	6/6+PE
Electrical data acc. to EN 61 984	
Power area	100 A 690 V 8 kV 3
Rated current	100A
Rated voltage	690V
Rated impulse voltage	8kV
Pollution degree	3
Signal area	16 A 400 V 6 kV 3
Rated current	16A
Rated voltage	400V
Rated impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL	600/300 V
Rated voltage acc. to CSA	600/600 V
Rated current acc. to CSA	100/15 A
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.5mΩ
Screw terminal	
mm²	16-35 mm²
AWG	5-2
Max. insulation diameter	11.4 mm
Stripping length	$13^{\pm1}$ mm
Signal contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤3mΩ
Screw terminal	
mm²	0.2-2.5mm²
AWG	24-13
Stripping length	7.5mm

Hoods,housings	24B
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

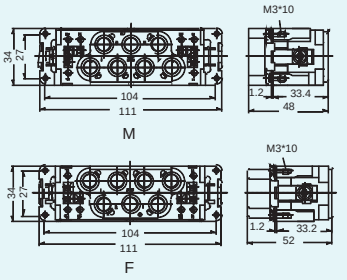
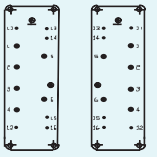
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



①Wire guage：35mm²
②Wire guage：25mm²
③Wire guage：16mm²

GK

6/6+ ⏚ 690/400 V 100/16 A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal Screw terminal	GK-Z006/6 Order No.: 20060800	GK-K006/6 Order No.: 21060800	Distance for contact max. 21 mm  Contact arrangement view from termination side  	G24B series on P10.11





GK

Instrument

Hex key SW 4 for axial setscrew



Type : GW-4x100

Order No. : 25820005

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 61984

DIN EN 60664

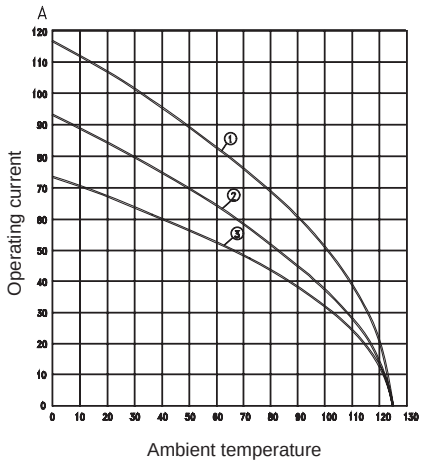
Male/Female inserts	
Number of contacts	8/0+PE
Electrical data acc. to EN 61 984	
Power area	100 A 690 V 8 kV 3
Rated current	100A
Rated voltage	690V
Rated impulse voltage	8kV
Pollution degree	3
Pollution degree 2 also	100 A 1000 V 8 kV 2
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated current acc. to UL	82 A
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Power contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.5mΩ
Screw terminal	
mm^2	10-25 mm^2
AWG	7-3
Max. insulation diameter	11.4 mm
Stripping length	$13^{\pm1}$ mm

Hoods,housings	24B
Material	Alluminium die-cast
urface	Powder coated RAL7037
Hoods,housings seal	NBR
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP65

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5

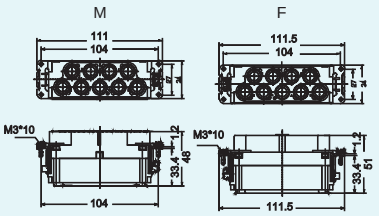
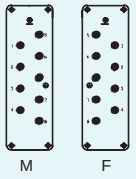


①Wire guage：25mm²
②Wire guage：16mm²
③Wire guage：10mm²

GK

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

8/0+ ⏚ 690 V 100 A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal 	GK-Z008/0 Order No.: 20090022		Distance for contact max. 21 mm  	G24B series on P10.11
		GK-K008/0 Order No.: 21090022	Contact arrangement view from termination side  	

GK

Instrument

Hex key SW 4 for axial setscrew		
	Type : GW-4x100	Order No. : 25820005

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN VDE 0627

DIN VDE 0110

DIN EN 61984

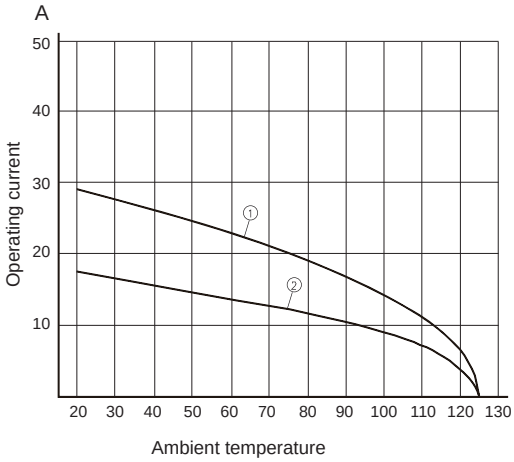
Male/Female inserts	
Number of contacts	5+PE
Working current GQ-005	16A
※Current carrying capacity sheet	
Working voltage GQ-005	230V/400V
Impulse voltage	4kV
Pollution degree	3(C)
Pollution degree 2 also	16A 320/500V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper
Surface	Gold-Plated Silver-plated
Contact resistance	≤1mΩ
Terminal	Crimp terminal
Crimp terminal	
mm^2	0.5-2.5mm^2
AWG	20-14

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Locking element	steel-zinc plated
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP44
	IP65 is achieved with seal screw

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

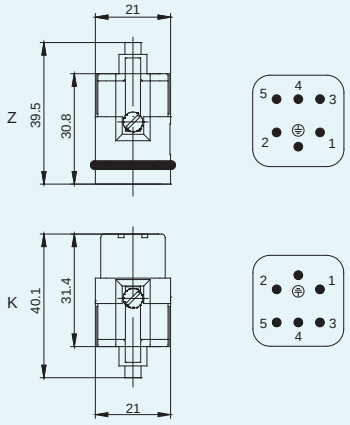


① Wire guage:2.5mm^2
② Wier guage:1.5mm^2

GQ

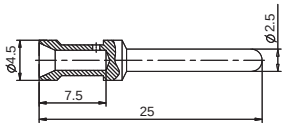
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

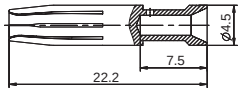
5+ ⏚ 230/400V 16A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal 	GQ-Z005-P Order No.: 20070200			G3A series on P10.01
		GQ-K005-P Order No.: 21070200		

GQ

Crimp contact

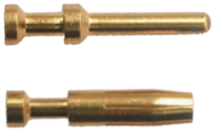




Silver-plated



Gold-plated



Silver-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-S0.5/A	23000100	Z-S0.5/A	22000100
0.75mm²	AWG18	7.5mm	K-S0.75/A	23000200	Z-S0.75/A	22000200
1.0mm²	AWG18	7.5mm	K-S1/A	23000300	Z-S1/A	22000600
1.5mm²	AWG16	7.5mm	K-S1.5/A	23000400	Z-S1.5/A	22000300
2.5mm²	AWG14	7.5mm	K-S2.5/A	23000500	Z-S2.5/A	22000500
3.0mm²	AWG12	7.5mm	K-S3/A	23000600	Z-S3/A	22030500
4.0mm²	AWG12	7.5mm	K-S4/A	23000700	Z-S4/A	22000700

Gold-plated

Wire guage		Stripping Length	Female insert		Male insert	
			Type	Order No.	Type	Order No.
0.5mm²	AWG20	7.5mm	K-G0.5/A	23100100	Z-G0.5/A	22100100
0.75mm²	AWG18	7.5mm	K-G0.75/A	23100200	Z-G0.75/A	22100200
1.0mm²	AWG18	7.5mm	K-G1/A	23100300	Z-G1/A	22100300
1.5mm²	AWG16	7.5mm	K-G1.5/A	23100400	Z-G1.5/A	22100400
2.5mm²	AWG14	7.5mm	K-G2.5/A	23100500	Z-G2.5/A	22100500
3.0mm²	AWG12	7.5mm	K-G3/A	23100600	Z-G3/A	22100600

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 60664

DIN EN 61984

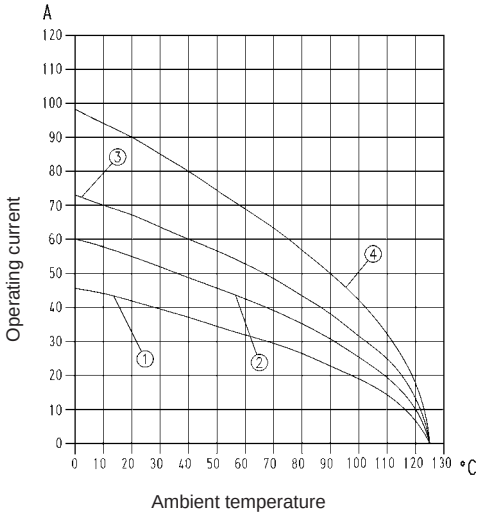
Male/Female inserts	
Number of contacts	2+PE
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	830 V
Impulse voltage	6kV
Pollution degree	3(C)
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper
Surface	Silver-plated
Contact resistance	≤1mΩ
Axial screw terminal	
mm²	2.5-10mm²
AWG	14-8
Tightening torque	1.8 Nm
Stripping length	$8mm^{+1}$

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Locking element	steel-zinc plated
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP44
	IP65 is achieved with seal screw

Current carrying capacity sheet

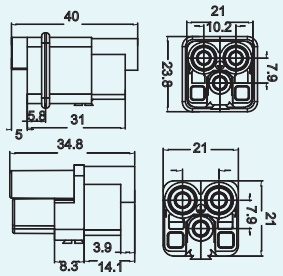
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



GQ

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

2+ ⏚ 830V 40A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal 	GQ-Z002.1 (2.5-6.0mm²) Order No.:20090023 GQ-Z002.2 (4-10mm²) Order No.:20070202	GQ-K002.1 (2.5-6.0mm²) Order No.:21090023 GQ-K002.2 (4-10mm²) Order No.:21070206		G3A series on P10.01

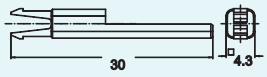
GQ

Instrument

Hex key SW 4 for axial setscrew

	Type : GW-4x100	Order No. : 25820005

Coling element

	Type : Gode-Q2	Order No. :25820006	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 60664

DIN EN 61984

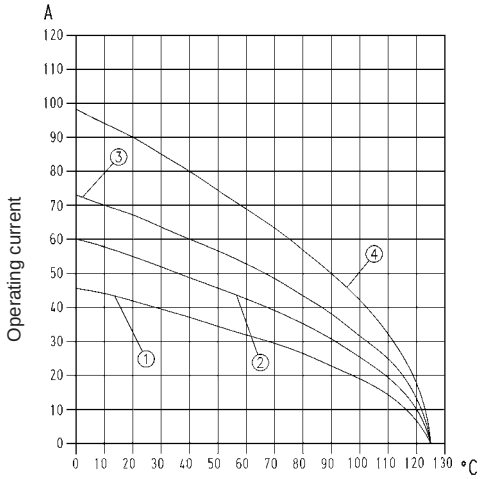
Male/Female inserts	
Number of contacts	2+PE
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	400 V
Impulse voltage	6kV
Pollution degree	3(C)
Rated voltage acc. to UL/CSA	400 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper
Surface	Silver-plated
Contact resistance	≤1mΩ
Axial screw terminal	
mm ²	2.5-10mm ²
AWG	14-8
Tightening torque	1.8 Nm
Stripping length	8mm^{+1}

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Locking element	steel-zinc plated
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP44
	IP65 is achieved with seal screw

Current carrying capacity sheet

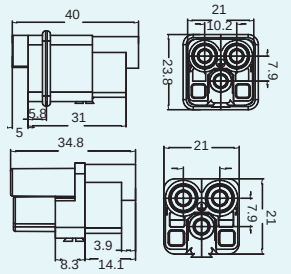
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



GQV

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

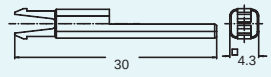
2+ ⏚ 400V 40A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Axial screw terminal 	GQV-Z002.1 (2.5-6.0mm²) Order No.:20070204 GQV-Z002.2 (4-10mm²) Order No.:20090026	GQV-K002.1 (2.5-6.0mm²) Order No.:21070208 GQV-K002.2 (4-10mm²) Order No.:21090026		G3A series

GQV

Instrument

Hex key SW 4 for axial setscrew		
	Type : GW-4x100	Order No. : 25820005

Coling element			
	Type : Gode-Q2	Order No. :25820006	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification

DIN EN 60664

DIN EN 61984

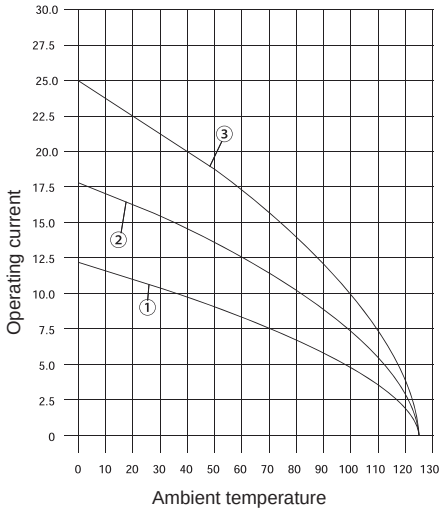
Male/Female inserts	
Number of contacts	7+PE
Electrical data acc. to EN 61 984	
Working current	10A
Working voltage	400 V
Impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper alloy
Surface	Silver-plated
	Gold-plated
Contact resistance	≤3mΩ
Axial screw terminal	
mm ²	0.14-2.5mm²
AWG	26-14
Tightening torque	2.5 Nm
Stripping length	$8mm^{+1}$

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Locking element	steel-zinc plated
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP44
	IP65 is achieved with seal screw

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



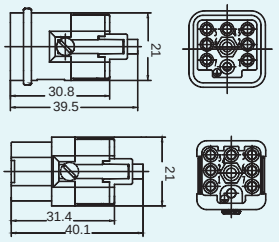
① 0.75 mm²
② 1.5 mm²
③ 2.5 mm²

GQ

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

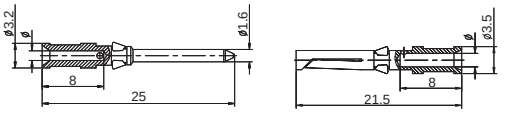
GQ-007 GQ series

7+ ⏚ 400V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal 	GQ-Z007-P Order No.: 20070203	GQ-K007-P Order No.: 21070207		G3A series on P10.01

GQ

Crimp contact



Silver-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm²	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm²	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm²	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm²	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm²	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

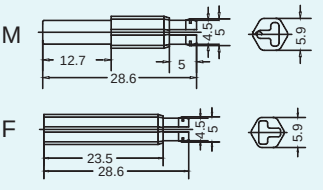
Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm²	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm²	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm²	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm²	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm²	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

Coling element



Type :
GODE-Q7M
GODE-Q7F

Order No. :
25811003
25811004



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Specification	
DIN EN 60664	
DIN EN 61984	

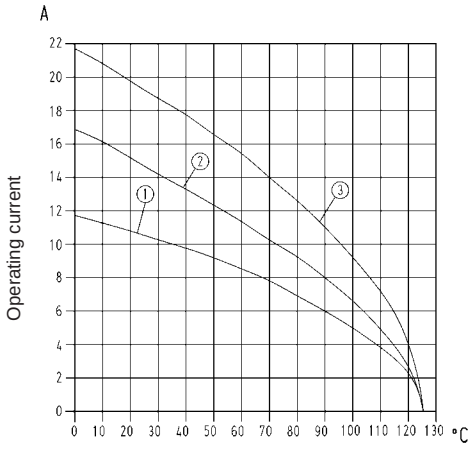
ale/Female inserts	
Number of contacts	12+PE
Electrical data acc. to EN 61 984	
Working current	10A
Working voltage	400 V
Impulse voltage	6kV
Pollution degree	3
Pollution degree 2 also	10A 400/690 V 6kV 2
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper alloy
Surface	Silver-plated Gold-plated
Contact resistance	≤3mΩ
Axial screw terminal	
-mm²	0.14-2.5mm²
-AWG	26-14
PE screw terminal	Quick lock termination
-mm²	0.5-2.5 mm²
-AWG	20-14

Hoods,housings	
Material	Alluminium die-cast
Surface	Powder coated RAL7037
Locking element	steel-zinc plated
Hoods,housings seal	NBR
Temprature range	-40℃... +125℃
Degree of protection acc. to DIN EN 60 529	
For coupled connector	IP44 IP65 is achieved with seal screw

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



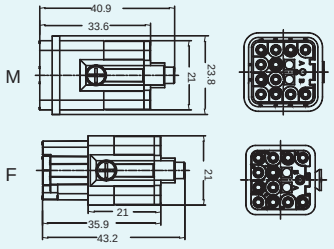
Ambient temperature

① 0.75 mm²
② 1.5 mm²
③ 2.5 mm²

GQ

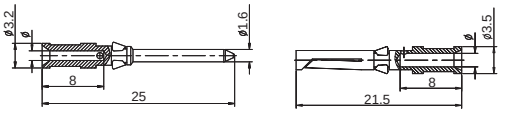
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

12+⏚ 400V 10A

Description	Type		Dimensions (mm)	Suitable hood, housing
	Male insert	Female insert		
Crimp terminal 	GQ-Z012-P Order No.: 20070201			G3A series on P10.01
		GQ-K012-P Order No.: 21070201		

GQ

Crimp contact



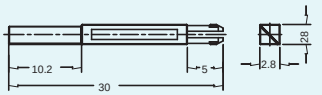
Silver-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-S0.37/D	23010000	Z-S0.37/D	22010600
0.5mm²	AWG20	1.10mm	8mm	K-S0.5/D	23010100	Z-S0.5/D	22010100
0.75mm²	AWG18	1.30mm	8mm	K-S0.75/D	23010200	Z-S0.75/D	22010200
1.0mm²	AWG18	1.45mm	8mm	K-S1/D	23010300	Z-S1/D	22010300
1.5mm²	AWG16	1.75mm	8mm	K-S1.5/D	23010400	Z-S1.5/D	22010400
2.5mm²	AWG14	2.25mm	8mm	K-S2.5/D	23010500	Z-S2.5/D	22010500

Gold-plated

Wire guage		∅	Stripping Length	Female insert		Male insert	
				Type	Order No.	Type	Order No.
0.14-0.37mm²	AWG26-22	0.90mm	8mm	K-G0.37/D	23010600	Z-G0.37/D	22110000
0.5mm²	AWG20	1.10mm	8mm	K-G0.5/D	23110100	Z-G0.5/D	22110100
0.75mm²	AWG18	1.30mm	8mm	K-G0.75/D	23110200	Z-G0.75/D	22110200
1.0mm²	AWG18	1.45mm	8mm	K-G1/D	23110300	Z-G1/D	22110300
1.5mm²	AWG16	1.75mm	8mm	K-G1.5/D	23110400	Z-G1.5/D	22110400
2.5mm²	AWG14	2.25mm	8mm	K-G2.5/D	23110500	Z-G2.5/D	22110500

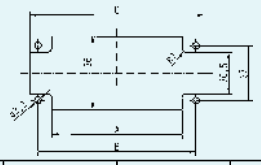
Coling element

	Type : GODE-Q12	Order No. : 25820009	

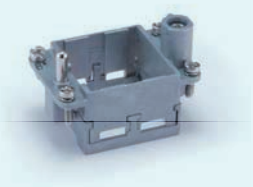
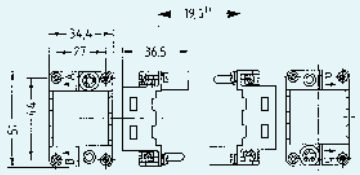
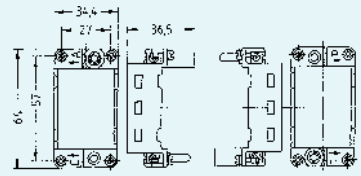
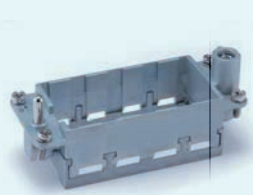
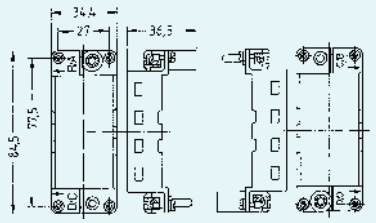
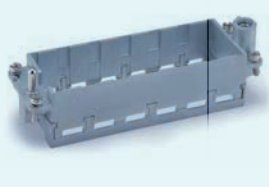
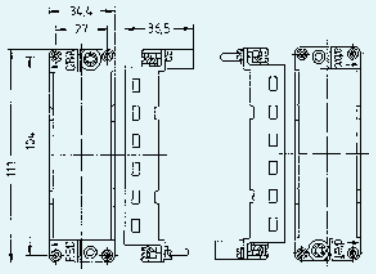
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Module fixing frame	
Number of modules	2,3,4,6
Grounding wire	
Wire guage	
- Power line *	4-10mm² AWG 12-8
- Signal line	1-2.5mm² AWG 18-14
Material	zinc die-cast
Limiting temperatures	-40℃...+125℃
Mechanical working life	≥500

Panel cut out



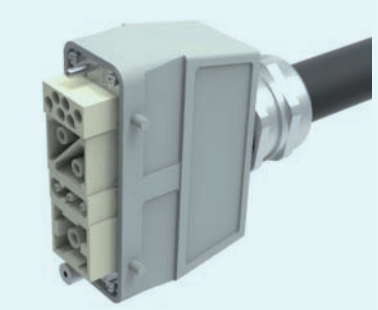
Size	A	B	C
6 B	35	44	52
10 B	49	57	66
16 B	64	77.5	85.5
24 B	94	104	112

Description	Size	Marking A-F	Marking a-f	Dimensions (mm)
	6B	Type : GF6B-NUA3 Order No. :25241004	Type : GF6B-NLA3 Order No. :25241006	
	10B	Type : GF10B-NUA3 Order No. :20031110	Type : GF10B-NLA3 Order No. :12500041	
	16B	Type : GF16B-NUA3 Order No. :20031117	Type : GF16B-NLA3 Order No. :20031118	
	24B	Type : GF24B-NUA3 Order No. :25811015	Type : GF24B-NLA3 Order No. :25811013	

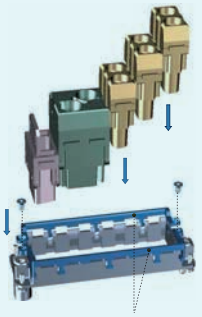
GM

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

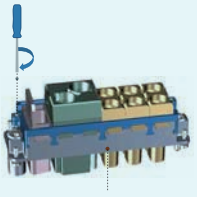
Module assembly diagram



Assembly diagram



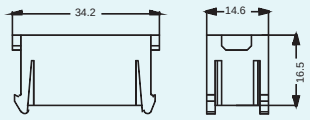
Before the assembly,take apart the frame.

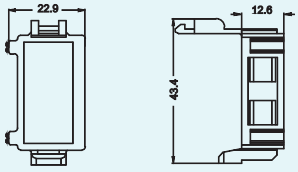


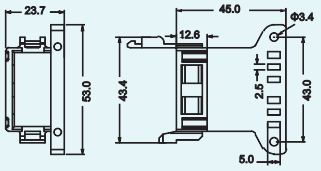
After the module be fixed,lock the frame.

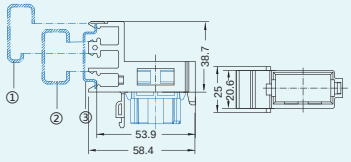
GM

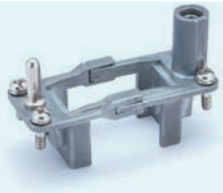
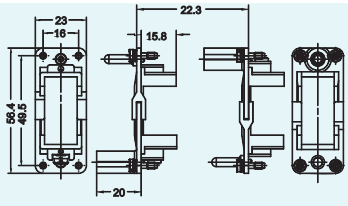
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Dummy module	Description	Type	Dimension
	to fill up module spaces not in use in the frame.	GM000 Order No.:20090078	

Module clamp without strain relief	Description	Type	Dimension
	without strain relief	GM-CP1 Order No.:25820002	

Module clamp with strain relief	Description	Type	Dimension
	with strain relief	GM-CP2 Order No.:20090080	

Module clamp for rail	Description	Type	Dimension
	Delivery comprises one module clamp.	GM-CP3 Order No.:20090081	 ①G-shape guide DIN EN 60715-G32 ②Cap-shape guideDIN EN 60715-35x7.5, thickness 1mm or 35x15, and 1.5mm ③C-shape guideDIN 60715-C30

Frame in housing G10A	Description	Type	Dimension
	Frame for 1 module	GF10A Order No.:20031111	

GM

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G2MK-001 axial module

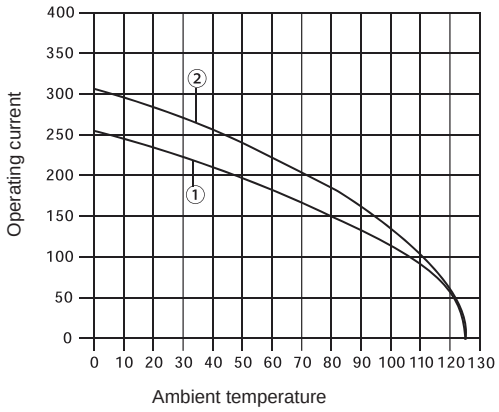
1000V 200A

Specification	
DIN EN 60664	
DIN EN 61984	

Male/Female inserts	
Number of contacts	1
Electrical data acc. to EN 61 984	
Working current	200A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



① 24 B hoods/housings with 3 modules; wire gauge: 50 mm²

② 24 B hoods/housings with 3 modules; wire gauge: 70 mm²

GM

Contacts

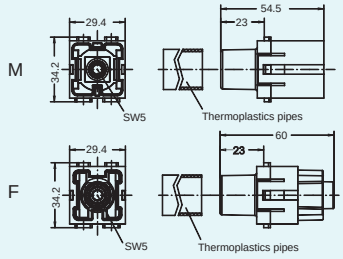
Material	Copper alloy
Surface	Silver-plated
Contact resistance	0.2mΩ

Axial screw terminal

-mm²	25-70mm ²
-AWG	2-0
Stripping length	16mm

Tightening torque

mm²	25	35	50	70
Nm	8	8	9	10

Axial screw terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MK-Z001.1 (25-40mm²) Order No.:20090037 Type:G2MK-Z001.2 (40-70mm²) Order No.:20090038	Type:G2MK-K001.1 (25-40mm²) Order No.:21090037 Type:G2MK-K001.2 (40-70mm²) Order No.:21090038	

Hex key SW 4 for axial setscrew



Type : GW-4x100

Order No. : 25820005

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

1000V 200A

Specification

DIN EN 60664

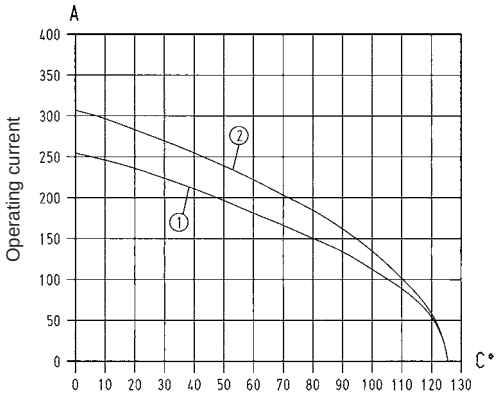
DIN EN 61984

Male/Female inserts

Number of contacts	1
Electrical data acc. to EN 61 984	
Working current	200A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



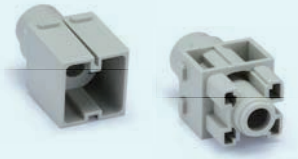
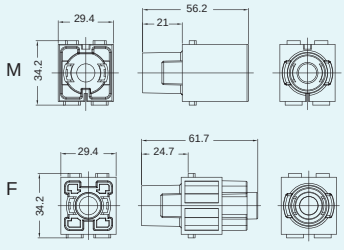
① 24 B hoods/housings with 3 modules; wire gauge: 50 mm²

② 24 B hoods/housings with 3 modules; wire gauge: 70 mm²

GM

Contacts

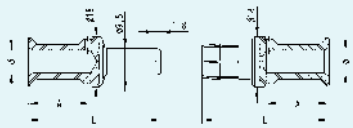
Material	Copper alloy	Crimp terminal	
Surface	Silver-plated	mm ²	25-70mm ²
Contact resistance	≤0.3 mΩ	Stripping length	22.5 mm
		Max. insulation diameter	18 mm

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MK-Z001-P Order No.:20090035	Type:G2MK-K001-P Order No.:21090035	

200A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S25/H	22120701	K-S25/H	23120701
Z-S35/H	22120702	K-S35/H	23120702
Z-S50/H	22120703	K-S50/H	23120703
Z-S70/H	22120704	K-S70/H	23120704



Wire gauge	∅	Stripping length
25 mm²	7	19 mm
35 mm²	8.2	20 mm
50 mm²	10	22.5 mm
70 mm²	11.5	22.5 mm

For stranded wire according to IEC 60 228 Class 5

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMK-001 crimp module

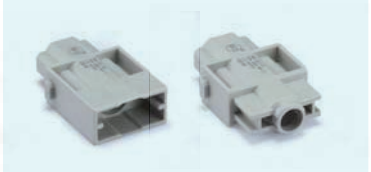
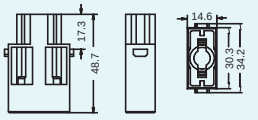
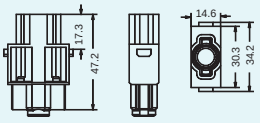
830V 100A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	1
Electrical data acc. to EN 61 984	
Working current	100A
Working voltage	830 V
Impulse voltage	8kV
Pollution degree	3
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500
Max. insulation diameter	13mm

Contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.3mΩ
Crimp terminal	
mm ^{2}	10-35mm ^{2}

GM

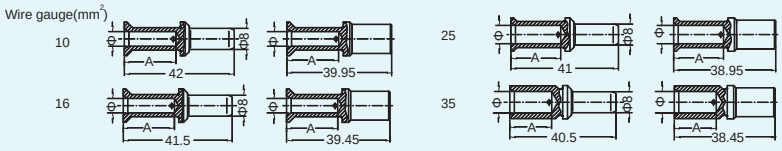
Axial screw terminal	Male insert	Female insert	Dimensions (mm)
	Type: GMK-Z001-P Order No.: 20090036	Type: GMK-K001-P Order No.: 21090036	M  F 

100A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S10/K	22120705	K-S10/K	23120705
Z-S16/K	22120706	K-S16/K	23120706
Z-S25/K	22120707	K-S25/K	23120707
Z-S35/K	22120708	K-S35/K	23120708

Wire gauge	∅	Stripping length
10 mm²	4.3	19 mm
16 mm²	5.5	19 mm
25 mm²	7	19 mm
35 mm²	8.2	19 mm
for stranded wire according to IEC 60 228 Class 5		



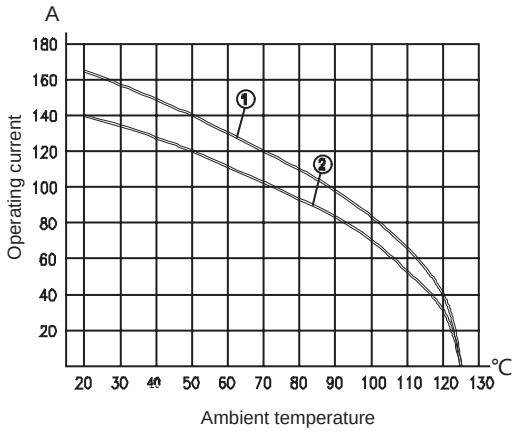
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

1000V 100A

Specification	
DIN EN 60664	
DIN EN 61984	
Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	100A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
echanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

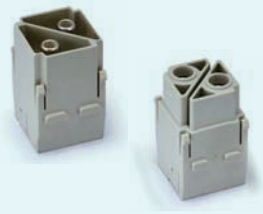
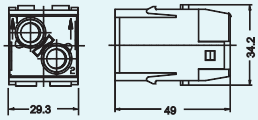
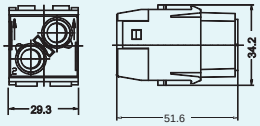


① 24 B hoods/housings with 3 modules; wire gauge: 35 mm²

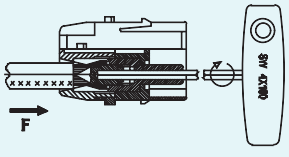
② 24 B hoods/housings with 3 modules; wire gauge: 25 mm²

GM

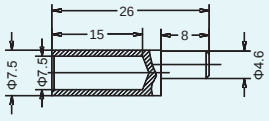
Contacts			
Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	25-70mm ²
Contact resistance	0.3 mΩ	-AWG	6-2
		-Stripping length	13 mm
		-Hexagonal driver	SW 4

Axial terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MK-Z002.1 Order No.:20010407	Type:G2MK-K002.1 Order No.:21010407	M 
	Type:G2MK-Z002.2 Order No.:20010408	Type:G2MK-K002.1 Order No.:21010408	F 

Hex key SW 4 for axial setscrew

	Type : GW-4x100	Order No. :25820005	

Cable shoe 16mm ²

	For PE extention	Type : GE-E16 Order No.:25820010	

G2MK-002 crimp module

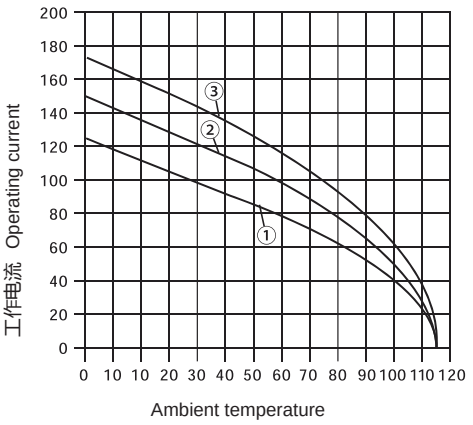
1000V 100A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	100A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



① 24 B hoods/housings with 3 modules; wire gauge: 16 mm²

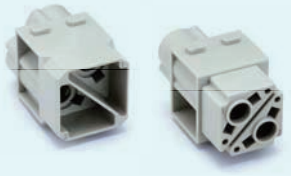
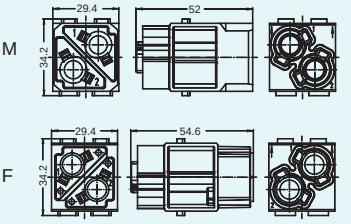
② 24 B hoods/housings with 3 modules; wire gauge: 25 mm²

③ 24 B hoods/housings with 3 modules; wire gauge: 35 mm²

GM

Contacts

Material	Copper alloy	Crimp terminal	
Surface	Silver-plated	mm ²	10-35mm ²
Contact resistance	≤0.3 mΩ	Max. insulation diameter	14 mm

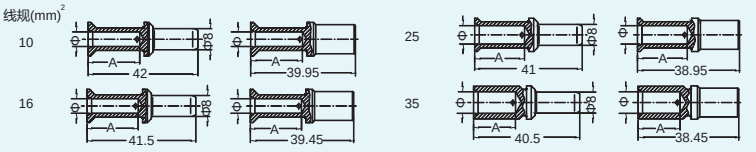
Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MK-Z002-P Order No.:20090039	Type:G2MK-K002-P Order No.:21090039	

100A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S10/K	22120705	K-S10/K	23120705
Z-S16/K	22120706	K-S16/K	23120706
Z-S25/K	22120707	K-S25/K	23120707
Z-S35/K	22120708	K-S35/K	23120708

Wire gauge	∅	Stripping length
10 mm²	4.3	19 mm
16 mm²	5.5	19 mm
25 mm²	7	19 mm
35 mm²	8.2	19 mm
For stranded wire according to IEC 60 228 Class 5		



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

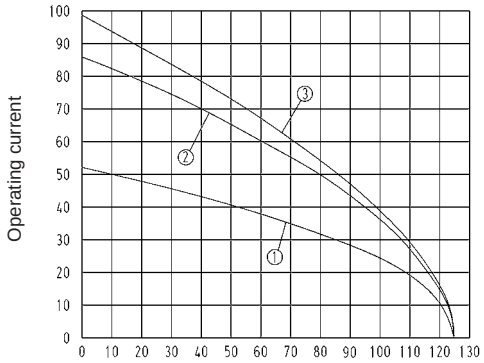
1000V 70A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	70A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



① 24 B hoods/housings with 3 modules; wire gauge: 16 mm²
② 24 B hoods/housings with 3 modules; wire gauge: 25 mm²
③ 24 B hoods/housings with 3 modules; wire gauge: 35 mm²

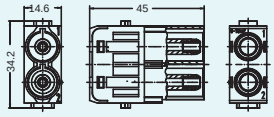
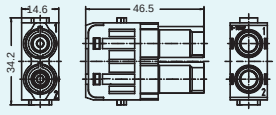
GM

Contacts

Material	Copper alloy
Surface	Silver-plated
Contact resistance	0.5 mΩ

Axial terminal	
-mm²	6-22 mm²
-AWG	8-4
-Stripping length	13 mm
-Max. insulation diameter	

mm²	6	10	16	22
mm	11^{+1}	11^{+1}	11^{+1}	12.5^{+1}

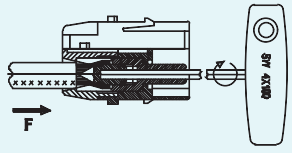
Axial terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK70-Z002.1 (6-16 mm²) Order No.:20000002	Type:GMK70-K002.1 (6-16 mm²) Order No.:21000002	M 
	Type:GMK70-Z002.2 (14-22 mm²) Order No.:20090041	Type:GMK70-K002.2 (14-22 mm²) Order No.:21090041	F 

Hex key SW 4 for axial setscrew



Type : GW-4x100

Order No. : 25820005



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMK70-002 crimp module

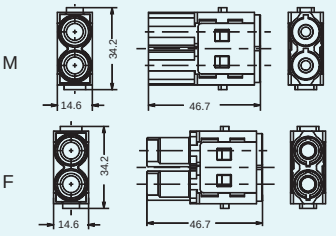
1000V 70A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	70A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Contacts	
Material	Copper alloy
Surface	Silver-plated
Contact resistance	≤0.5 mΩ
Crimp terminal	
-mm^2	10-25 mm^2
-Stripping length	15.5 mm
-Max. insulation diameter	11 mm

GM

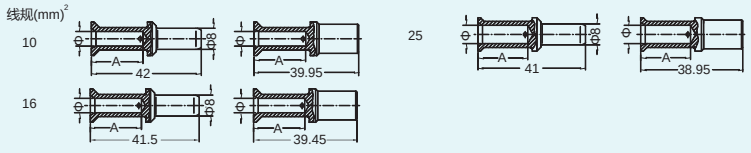
Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK70-Z002-P Order No.:20090042	Type:GMK70-K002-P Order No.:21090042	

100A Crimp contact



	Male		Female	
Type	Order No.		Type	Order No.
Z-S10/K	22120705		K-S10/K	23120705
Z-S16/K	22120706		K-S16/K	23120706
Z-S25/K	22120707		K-S25/K	23120707

Wire gauge	∅	Stripping length
10 mm^2	4.3	19 mm
16 mm^2	5.5	19 mm
25 mm^2	7	19 mm
For stranded wire according to IEC 60 228 Class 5		



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

1000V 40A

Specification

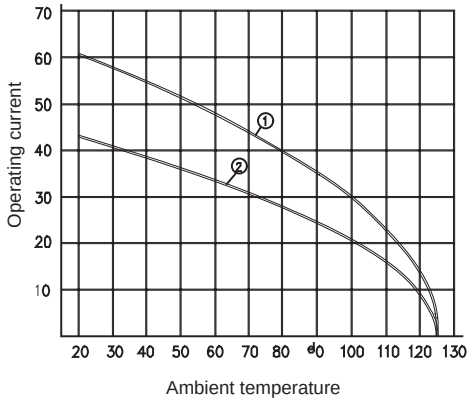
DIN EN 60664

DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



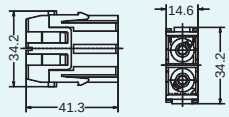
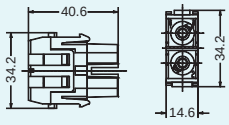
① 24 B hoods/housings with 6 modules; wire gauge: 10 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

GM

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	2.5-10 mm²
Contact resistance	0.5 mΩ	-AWG	14-8
		-Stripping length	

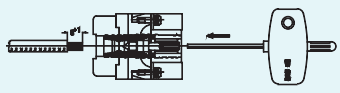
Axial terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z002.1 (2.5-8 mm²) Order No.:20090043	Type:GMK-K002.1 (2.5-8 mm²) Order No.:21090043	M 
	Type:GMK-Z002.2 (6-10 mm²) Order No.:20090044	Type:GMK-K002.2 (6-10 mm²) Order No.:21090044	F 

Hex key SW 2 for axial setscrew



Type : GW-2x40

Order No. :25820011



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMK-002 crimp module

1000V 40A

Specification

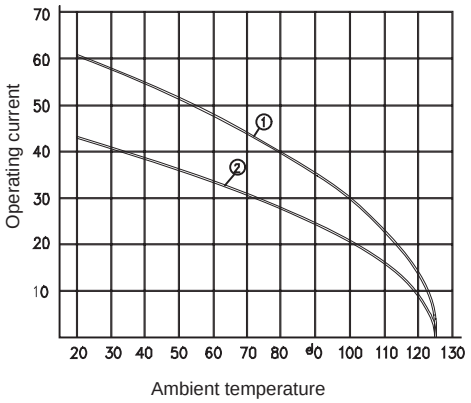
DIN EN 60664

DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	1000 V
Impulse voltage	8kV
Pollution degree	3
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



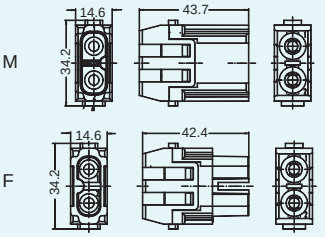
① 24 B hoods/housings with 6 modules; wire gauge: 10 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

GM

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	1.5-10 mm²
Contact resistance	≤0.3 mΩ	-AWG	16-8
		- Stripping length	

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z002-P Order No.:20090045	Type:GMK-K002-P Order No.:21090045	

40A Crimp contact

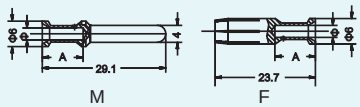


Male		Female	
Type	Order No.	Type	Order No.
Z-S1.5/C	22120709	K-S1.5/C	23120709
Z-S2.5/C	22120710	K-S2.5/C	23120710
Z-S4.0/C	22120711	K-S4.0/C	23120711
Z-S6.0/C	22120712	K-S6.0/C	23120712
Z-S10.0/C	22120713	K-S10.0/C	23120713

Wire gauge			∅	Stripping length
1.5	mm²	AWG 16	1.75	9.5 mm
2.5	mm²	AWG 14	2.25	9.5 mm
4	mm²	AWG 12	2.85	9.5 mm
6	mm²	AWG 10	3.5	9.5 mm
10	mm²	AWG 8	4.3	15 mm

Stripping length a = 15 mm for cables ≥ 5 mm

Stripping length a = 18 mm for cables ≥ 6.4 mm



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

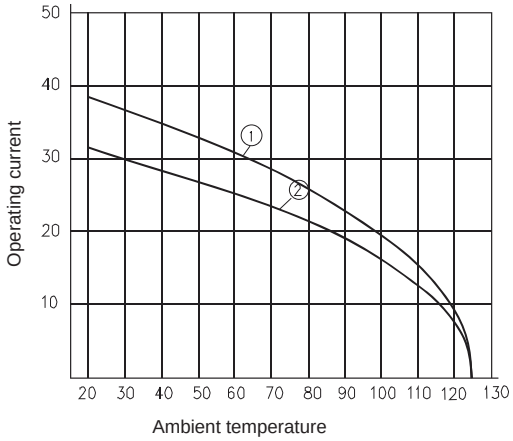
690V 40A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	3
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	690 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



① 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

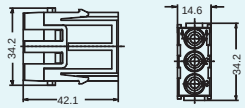
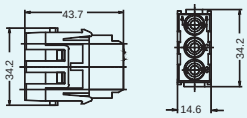
② 24 B hoods/housings with 6 modules; wire gauge: 4 mm²

GM

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	2.5-10 mm²
Contact resistance	0.3 mΩ	-AWG	14-8
		-Stripping length	

mm²	2.5	4	6	10
mm	5^{+1}	5^{+1}	8^{+1}	11^{+1}

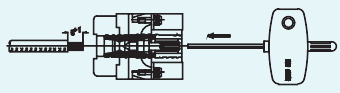
Axial terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z003.1 (2.5-8 mm²) Order No.:20000001	Type:GMK-K003.1 (2.5-8 mm²) Order No.:21000001	M 
	Type:GMK-Z003.2 (6-10 mm²) Order No.:20090047	Type:GMK-K003.2 (6-10 mm²) Order No.:21090047	F 

Hex key SW 2 for axial setscrew



Type : GW-2x40

Order No. : 25820005



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMK-003 crimp module

500V 40A

Specification

DIN EN 60664

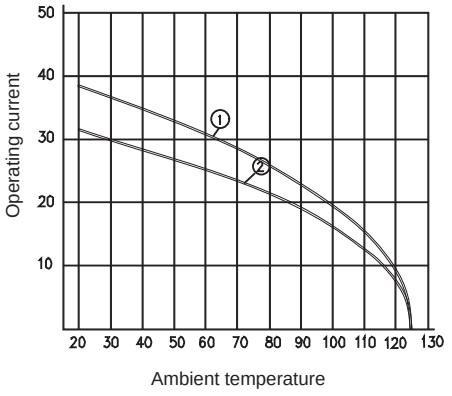
DIN EN 61984

Male/Female inserts

Number of contacts	3
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	500 V
Impulse voltage	6kV
Pollution degree	3
Rated voltage/current acc. to UL/CSA	600 V/32A
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



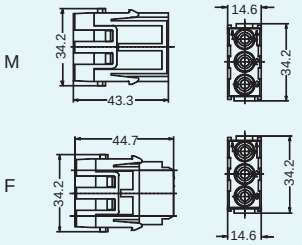
① 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 4 mm²

GM

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	1.5-10 mm²
Contact resistance	≤0.3 mΩ	-AWG	16-8
		- Stripping length	

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z003-P Order No.:20090048	Type:GMK-K003-P Order No.:21090048	

40A Crimp contact

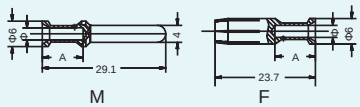


Male		Female	
Type	Order No.	Type	Order No.
Z-S1.5/C	22120709	K-S1.5/C	23120709
Z-S2.5/C	22120710	K-S2.5/C	23120710
Z-S4.0/C	22120711	K-S4.0/C	23120711
Z-S6.0/C	22120712	K-S6.0/C	23120712
Z-S10.0/C	22120713	K-S10.0/C	23120713

Wire gauge			∅	Stripping length
1.5	mm²	AWG 16	1.75	9.5 mm
2.5	mm²	AWG 14	2.25	9.5 mm
4	mm²	AWG 12	2.85	9.5 mm
6	mm²	AWG 10	3.5	9.5 mm
10	mm²	AWG 8	4.3	15 mm

Stripping length a = 15 mm for cables ≥ 5 mm

Stripping length a = 18 mm for cables ≥ 6.4 mm



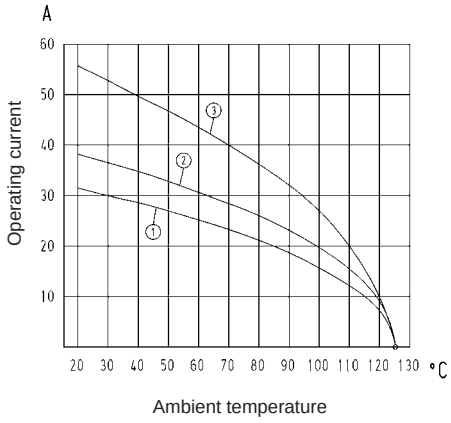
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

830V/830V 40A/10A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	3/4
Electrical data acc. to EN 61 984	
Power contacts	40 A 830 V 8kV 3
- Working current	40A
- Working voltage	690 V
- Impulse voltage	8kV
- Pollution degree	3
Signal contacts	10 A 830 V 8kV 3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



① 24 B hoods/housings with 6 modules; wire gauge: 4 mm²

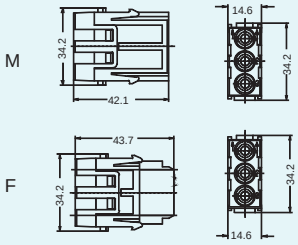
② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	2.5-10 mm²
Contact resistance	0.3 mΩ	-AWG	14-8
		-Stripping length	

mm²	2.5	4	6	10
mm	5^{+1}	5^{+1}	8^{+1}	11^{+1}

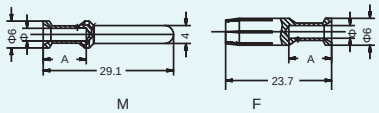
GM

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z003/4-P Order No.:20090049	Type:GMK-K003/4-P Order No.:21090049	

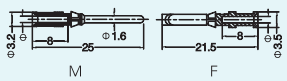
40A/10A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S1.5/C Z-S2.5/C Z-S4.0/C Z-S6.0/C	22120709 22120710 22120711 22120712	K-S1.5/C K-S2.5/C K-S4.0/C K-S6.0/C	23120709 23120710 23120711 23120712
Z-S0.37/D Z-S0.5/D Z-S0.75/D Z-S1.0/D Z-S1.5/D Z-S2.5/D	22010600 22010100 22010200 22000700 22000400 22010400	K-S0.37/D K-S0.5/D K-S0.75/D K-S1.0/D K-S1.5/D K-S2.5/D	23010000 23010100 23010200 23010300 23010400 23010500
Z-G0.37/D Z-G0.5/D Z-G0.75/D Z-G1.0/D Z-G1.5/D Z-G2.5/D	22110000 22110100 22110200 22110300 22110400 22110500	K-G0.37/D K-G0.5/D K-G0.75/D K-G1.0/D K-G1.5/D K-G2.5/D	23010600 23110100 23110200 23110300 23110400 23110500



Wire gauge			∅	Stripping length
1.5	mm²	AWG 16	1.75	9.5 mm
2.5	mm²	AWG 14	2.25	9.5 mm
4	mm²	AWG 12	2.85	9.5 mm
6	mm²	AWG 10	3.5	9.5 mm



线规			Φ	剥线长度
0.14–0.37 mm²	AWG 26–22		0.9	8 mm
0.5 mm²	AWG 20		1.1	8 mm
0.75 mm²	AWG 18		1.3	8 mm
1 mm²	AWG 18		1.45	8 mm
1.5 mm²	AWG 16		1.75	8 mm
2.5 mm²	AWG 14		2.25	6 mm

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMK-004 crimp module

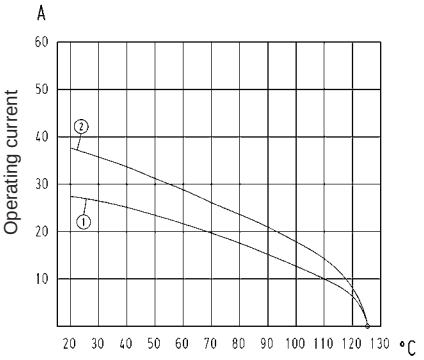
830V 40A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	4
Electrical data acc. to EN 61 984	
Working current	40A
Working voltage	830 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

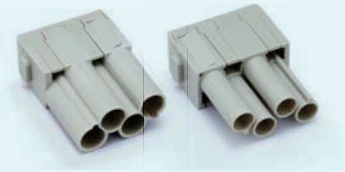
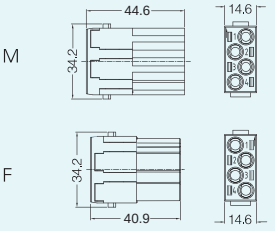


① 24 B hoods/housings with 6 modules; wire gauge: 4 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

GM

Contacts			
Material	Copper alloy	Crimp terminal -mm² -AWG	1.5-6 mm² 16-10
Surface	Silver-plated		
Contact resistance	≤0.3 mΩ		

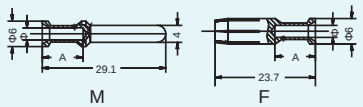
Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMK-Z004-P Order No.:20090050	Type:GMK-K004-P Order No.:21090050	

40A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S1.5/C	22120709	K-S1.5/C	23120709
Z-S2.5/C	22120710	K-S2.5/C	23120710
Z-S4.0/C	22120711	K-S4.0/C	23120711
Z-S6.0/C	22120712	K-S6.0/C	23120712

Wire gauge			∅	Stripping length
1.5	mm²	AWG 16	1.75	9.5 mm
2.5	mm²	AWG 14	2.25	9.5 mm
4	mm²	AWG 12	2.85	9.5 mm
6	mm²	AWG 10	3.5	9.5 mm



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

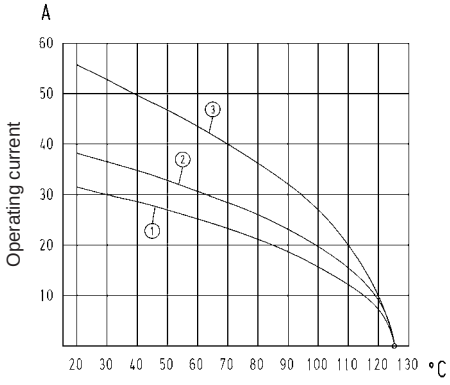
2900/5000V 40A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
-Working current	40A
-Rated voltage conductor - ground	2900 V
-Rated voltage conductor - conductor	5000 V
-Impulse voltage	15kV
-Pollution degree	3
nsulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Max. cable diameter	9mm
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

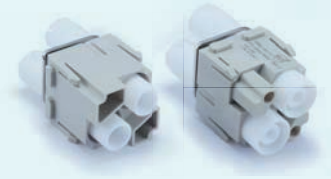
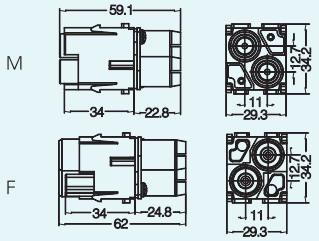


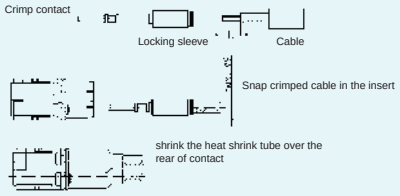
① 24 B hoods/housings with 6 modules; wire gauge: 4 mm²
② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

GM

Contacts

Material	Copper alloy	Axial terminal	
Surface	Silver-plated	-mm²	1.5-10 mm²
Contact resistance	≤0.3 mΩ	-AWG	16-8

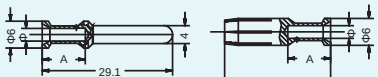
Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MVC-Z002-P Order No.:20090051	Type:G2MVC-K002-P Order No.:21090051	



40A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S1.5/C	22120709	K-S1.5/C	23120709
Z-S2.5/C	22120710	K-S2.5/C	23120710
Z-S4.0/C	22120711	K-S4.0/C	23120711
Z-S6.0/C	22120712	K-S6.0/C	23120712
Z-S10.0/C	22120713	K-S10.0/C	23120713



Wire gauge		∅	Stripping length
1.5 mm²	AWG 16	1.75	9.5 mm
2.5 mm²	AWG 14	2.25	9.5 mm
4 mm²	AWG 12	2.85	9.5 mm
6 mm²	AWG 10	3.5	9.5 mm
10 mm²	AWG 8	4.3	13 mm



Wire guage	Type	Order No.
1.5~6 mm²	GL02-0G	25820044
4/6/10 mm²	GL02-3G	25820045

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GME-005 cage clamp module

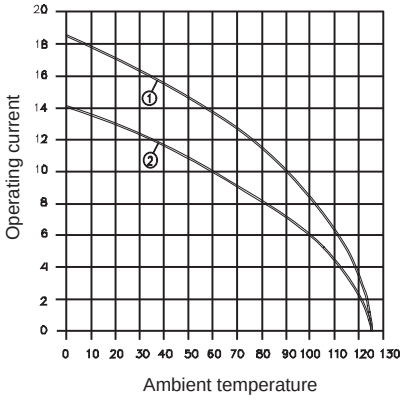
400V 16A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	5
Electrical data acc. to EN 61 984	
Working current	16A
Working voltage	400 V
Impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capabilityof the contact element material including the connections and the insulating parts.Measuring and testing techniques acc. to DIN EN 60 512-3

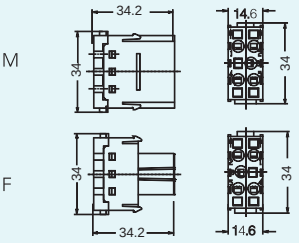


① 24 B hoods/housings with 6 modules; wire gauge: 2.5 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 1.5 mm²

GM

Contacts			
Material	Copper alloy	Cage-clamp terminal	
Surface	Silver-plated	-mm²	0.14-2.5mm²
Contact resistance	≤3 mΩ	-AWG	26-14

Cage-clamp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GME-Z005 Order No.:20090052	Type:GME-K005 Order No.:21090052	

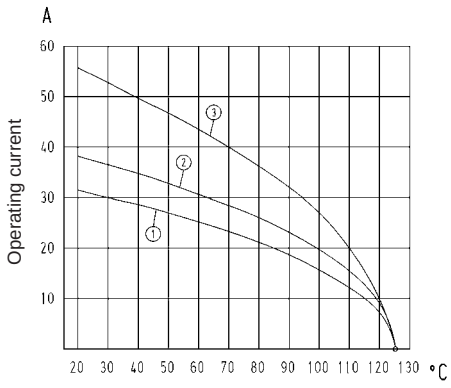
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

500V 16A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	2
Electrical data acc. to EN 61 984	
-Working current	16A
-Working voltage	500 V
-Impulse voltage	6kV
-Pollution degree	3
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



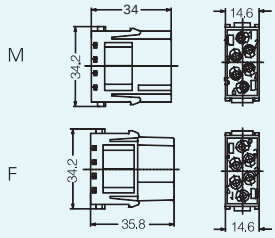
① 24 B hoods/housings with 6 modules; wire gauge: 4 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 6 mm²

Contacts

Material	Copper alloy	Contact resistance	≤1 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-4 mm²
		-AWG	26-12

GM

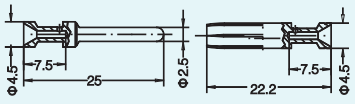
Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GME-Z006-P Order No.:20090053	Type:GME-K006-P Order No.:21090053	

16A Crimp contact





Male		Female	
Type	Order No.	Type	Order No.
Z-S0.5/A	22000100	K-S0.5/A	23000100
Z-S0.75/A	22000200	K-S0.75/A	23000200
Z-S1.0/A	22000300	K-S1.0/A	23000300
Z-S1.5/A	22000400	K-S1.5/A	23000400
Z-S2.5/A	22000500	K-S2.5/A	23000500
Z-S3.0/A	22000600	K-S3.0/A	23000600
Z-S4.0/A	22000700	K-S4.0/A	23000700
Z-G0.5/A	22100100	K-G0.5/A	23100100
Z-G0.75/A	22100200	K-G0.75/A	23100200
Z-G1.0/A	22100300	K-G1.0/A	23100300
Z-G1.5/A	22100400	K-G1.5/A	23100400
Z-G2.5/A	22100500	K-G2.5/A	23100500
Z-G3.0/A	22100600	K-G3.0/A	23100600
Z-G4.0/A	22100700	K-G4.0/A	23100700



Identification	Wire guage		Stripping length
no groove	0.14–0.37 mm²	AWG 26–22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

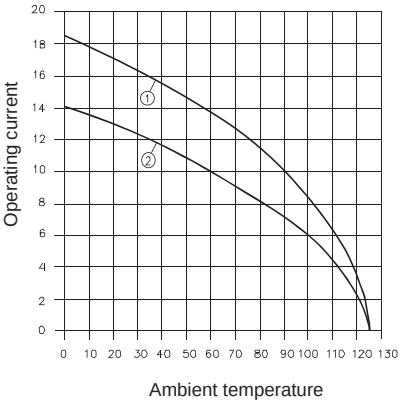
GVME-006 protected module

830V 16A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	6
Electrical data acc. to EN 61 984	
Working current	16A
Working voltage	830 V
Impulse voltage	8kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

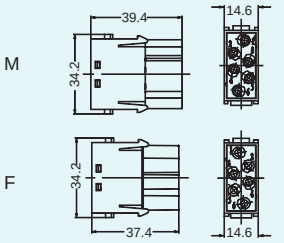


① 24 B hoods/housings with 6 modules; wire gauge: 2.5 mm²

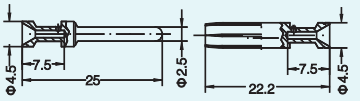
② 24 B hoods/housings with 6 modules; wire gauge: 1.5 mm²

GM

Contacts			
Material	Copper alloy	Contact resistance	≤3 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-4 mm²
		-AWG	26-12

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GVME-Z006-P Order No.:20090054	Type:GVME-K005-P Order No.:21090054	

16A Crimp contacts	Male contacts		Female contacts	
	Z-S0.5/A	22000100	K-S0.5/A	23000100
	Z-S0.75/A	22000200	K-S0.75/A	23000200
	Z-S1.0/A	22000300	K-S1.0/A	23000300
	Z-S1.5/A	22000400	K-S1.5/A	23000400
	Z-S2.5/A	22000500	K-S2.5/A	23000500
	Z-S3.0/A	22000600	K-S3.0/A	23000600
	Z-S4.0/A	22000700	K-S4.0/A	23000700
	Z-G0.5/A	22100100	K-G0.5/A	23100100
	Z-G0.75/A	22100200	K-G0.75/A	23100200
	Z-G1.0/A	22100300	K-G1.0/A	23100300
	Z-G1.5/A	22100400	K-G1.5/A	23100400
	Z-G2.5/A	22100500	K-G2.5/A	23100500
	Z-G3.0/A	22100600	K-G3.0/A	23100600
	Z-G4.0/A	22100700	K-G4.0/A	23100700



Identification	Wire guage		Stripping length
no groove	0.14–0.37 mm²	AWG 26–22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

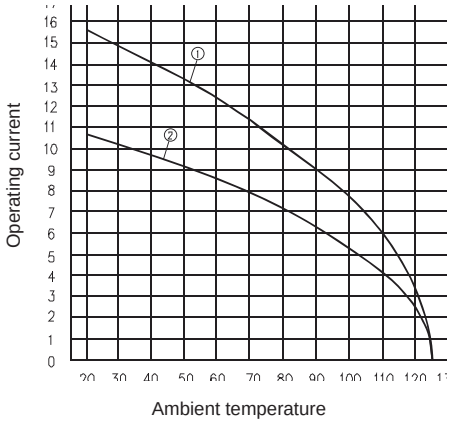
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

400V 16A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	8
Electrical data acc. to EN 61 984	
-Working current	16A
-Working voltage	400 V
-Impulse voltage	6kV
-Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



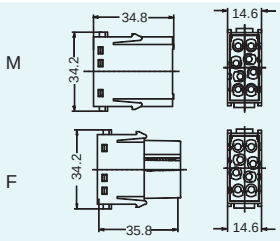
① 24 B hoods/housings with 6 modules; wire gauge: 2.5 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 1.5 mm²

GM

Contacts			
Material	Copper alloy	Contact resistance	≤1 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-4 mm²
		-AWG	26-12

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMEE-Z008-P Order No.:20031119	Type:GMEE-K006-P Order No.:20031120	M F



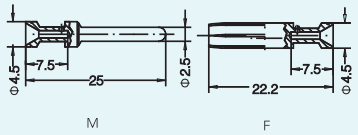
16A Crimp contact



Male		Female	
Type	Order No.	Type	Order No.
Z-S0.5/A	22000100	K-S0.5/A	23000100
Z-S0.75/A	22000200	K-S0.75/A	23000200
Z-S1.0/A	22000300	K-S1.0/A	23000300
Z-S1.5/A	22000400	K-S1.5/A	23000400
Z-S2.5/A	22000500	K-S2.5/A	23000500
Z-S3.0/A	22000600	K-S3.0/A	23000600
Z-S4.0/A	22000700	K-S4.0/A	23000700



Z-G0.5/A	22100100	K-G0.5/A	23100100
Z-G0.75/A	22100200	K-G0.75/A	23100200
Z-G1.0/A	22100300	K-G1.0/A	23100300
Z-G1.5/A	22100400	K-G1.5/A	23100400
Z-G2.5/A	22100500	K-G2.5/A	23100500
Z-G3.0/A	22100600	K-G3.0/A	23100600
Z-G4.0/A	22100700	K-G4.0/A	23100700



Identification	Wire guage		Stripping length
no groove	0,14–0,37 mm²	AWG 26–22	7,5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

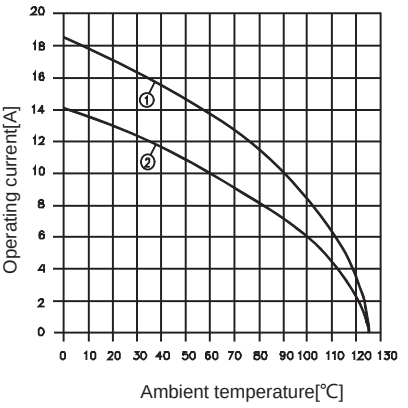
G2MEE-020 crimp module

500V 16A

Specification	
DIN EN 60664	
DIN EN 61984	
Male/Female inserts	
Number of contacts	20
Electrical data acc. to EN 61 984	
Working current	16A
Working voltage	500 V
Impulse voltage	6kV
Pollution degree	3
Rated voltage acc. to UL/CSA	600 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

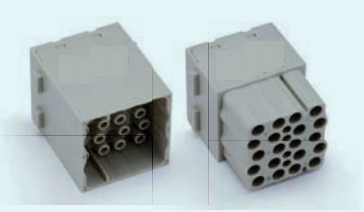
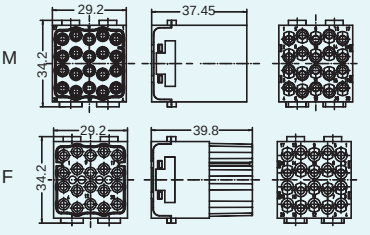


① 24 B hoods/housings with 3 modules; wire gauge: 1.5 mm²

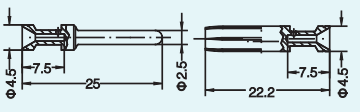
② 24 B hoods/housings with 3 modules; wire gauge: 2.5 mm²

GM

Contacts			
Material	Copper alloy	Contact resistance	≤1 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-4 mm²
		-AWG	26-12

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:G2MEE-Z020-P Order No.:25811030	Type:G2MEE-K020-P Order No.:25811031	

16A Crimp contacts	Male contacts		Female contacts	
	Z-S0.5/A	22000100	K-S0.5/A	23000100
	Z-S0.75/A	22000200	K-S0.75/A	23000200
	Z-S1.0/A	22000300	K-S1.0/A	23000300
	Z-S1.5/A	22000400	K-S1.5/A	23000400
	Z-S2.5/A	22000500	K-S2.5/A	23000500
	Z-S3.0/A	22000600	K-S3.0/A	23000600
	Z-S4.0/A	22000700	K-S4.0/A	23000700
	Z-G0.5/A	22100100	K-G0.5/A	23100100
	Z-G0.75/A	22100200	K-G0.75/A	23100200
	Z-G1.0/A	22100300	K-G1.0/A	23100300
	Z-G1.5/A	22100400	K-G1.5/A	23100400
	Z-G2.5/A	22100500	K-G2.5/A	23100500
	Z-G3.0/A	22100600	K-G3.0/A	23100600
	Z-G4.0/A	22100700	K-G4.0/A	23100700



Identification	Wire guage		Stripping length
no groove	0.14–0.37 mm²	AWG 26–22	7.5mm
no groove	0.5 mm²	AWG 20	7.5mm
1 groove	0.75 mm²	AWG 18	7.5mm
1 groove	1 mm²	AWG 18	7.5mm
2 groove	1.5 mm²	AWG 16	7.5mm
3 groove	2.5 mm²	AWG 14	7.5mm
wide groove	3 mm²	AWG 12	7.5mm
no groove	4 mm²	AWG 12	7.5mm

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

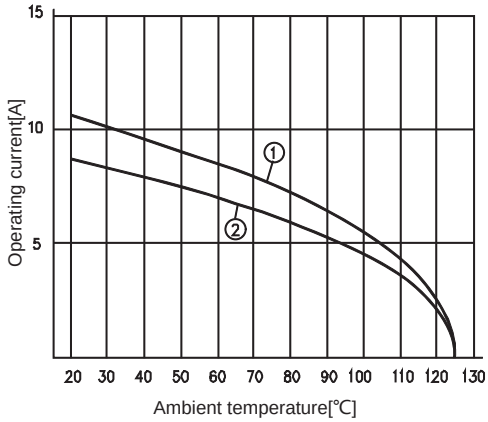
250V 16A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	12
Electrical data acc. to EN 61 984	
-Working current	10A
-Working voltage	250 V
-Impulse voltage	4kV
- Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

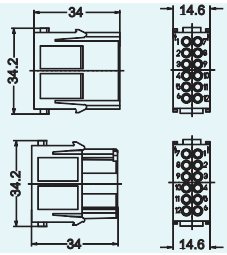


① 24 B hoods/housings with 6 modules; wire gauge: 1.5 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 2.5 mm²

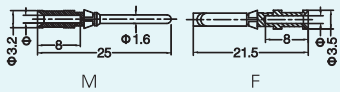
GM

Contacts			
Material	Copper alloy	Contact resistance	≤3 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-2.5mm²
		-AWG	26-14

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMD-Z012-P Order No.:20090057	Type:GMD-K012-P Order No.:21090057	M / F 

10A Crimp contact

	Male		Female	
	Type	Order No.	Type	Order No.
	Z-S0.37/D	22010600	K-S0.37/D	23010000
	Z-S0.5/D	22010100	K-S0.5/D	23010100
	Z-S0.75/D	22010200	K-S0.75/D	23010200
	Z-S1.0/D	22010300	K-S1.0/D	23010300
	Z-S1.5/D	22010400	K-S1.5/D	23010400
	Z-S2.5/D	22010500	K-S2.5/D	23010500
	Z-G0.37/D	22110000	K-G0.37/D	23110600
	Z-G0.5/D	22110100	K-G0.5/D	23110100
	Z-G0.75/D	22110200	K-G0.75/D	23110200
	Z-G1.0/D	22110300	K-G1.0/D	23110300
	Z-G1.5/D	22110400	K-G1.5/D	23110400
	Z-G2.5/D	22110500	K-G2.5/D	23110500



Wire guage		Φ	Stripping length
0.14–0.37 mm²	AWG 26–22	0.9	8 mm
0.5 mm²	AWG 20	1.1	8 mm
0.75 mm²	AWG 18	1.3	8 mm
1 mm²	AWG 18	1.45	8 mm
1.5 mm²	AWG 16	1.75	8 mm
2.5 mm²	AWG 14	2.25	6 mm

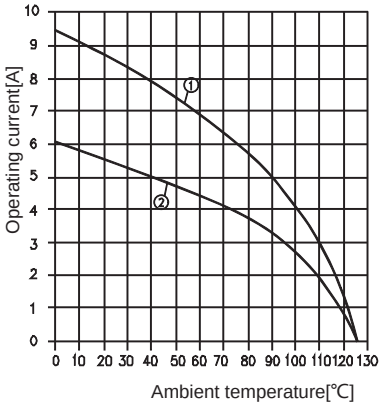
GMDD-017 crimp module

160V 10A

Specification	
DIN EN 60664	
DIN EN 61984	
Male/Female inserts	
Number of contacts	17
Electrical data acc. to EN 61 984	
- Working current	10A
- Working voltage	160 V
- Impulse voltage	2.5kV
- Pollution degree	3
Rated voltage acc. to UL/CSA	250 V
Insulation resistance	≥10^{10} Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3

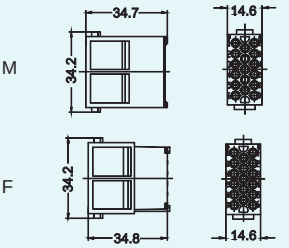


① 24 B hoods/housings with 3 modules; wire gauge: 1.5 mm²

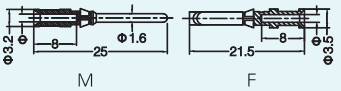
② 24 B hoods/housings with 3 modules; wire gauge: 1.0 mm²

GM

Contacts			
Material	Copper alloy	Contact resistance	≤3 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.14-2.5mm²
		-AWG	26-14

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMDD-Z017-P Order No.:20010600	Type:GMDD-K017-P Order No.:21090058	

10A Crimp contacts	Male contacts		Female contacts	
	Z-S0.37/D	22010600	K-S0.37/D	23010000
	Z-S0.5/D	22010100	K-S0.5/D	23010100
	Z-S0.75/D	22010200	K-S0.75/D	23010200
	Z-S1.0/D	22010300	K-S1.0/D	23010300
	Z-S1.5/D	22010400	K-S1.5/D	23010400
	Z-S2.5/D	22010500	K-S2.5/D	23010500
	Z-G0.37/D	22110000	K-G0.37/D	23010600
	Z-G0.5/D	22110100	K-G0.5/D	23110100
	Z-G0.75/D	22110200	K-G0.75/D	23110200
	Z-G1.0/D	22110300	K-G1.0/D	23110300
	Z-G1.5/D	22110400	K-G1.5/D	23110400
	Z-G2.5/D	22110500	K-G2.5/D	23110500



Wire guage		Φ	Stripping length
0.14–0.37 mm²	AWG 26–22	0.9	8 mm
0.5 mm²	AWG 20	1.1	8 mm
0.75 mm²	AWG 18	1.3	8 mm
1 mm²	AWG 18	1.45	8 mm
1.5 mm²	AWG 16	1.75	8 mm
2.5 mm²	AWG 14	2.25	6 mm

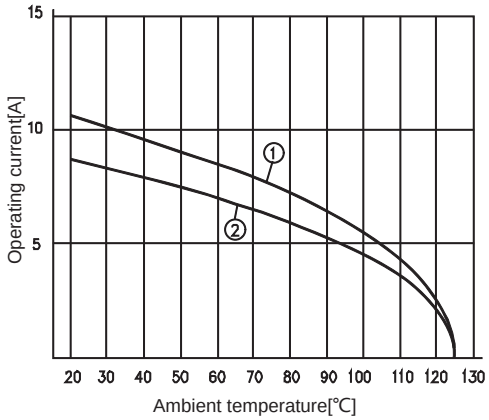
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

50V 5A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	9
Electrical data acc. to EN 61 984	
-Working current	5A
-Working voltage	50 V
-Impulse voltage	0.8kV
-Pollution degree	3
Rated voltage acc. to UL	600V
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



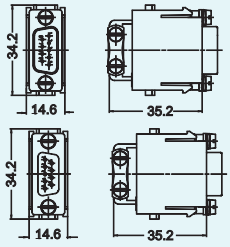
① 24 B hoods/housings with 6 modules; wire gauge: 1.5 mm²

② 24 B hoods/housings with 6 modules; wire gauge: 2.5 mm²

Contacts			
Material	Copper alloy	Contact resistance	≤3 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.09-0.82mm²
		-AWG	28-18

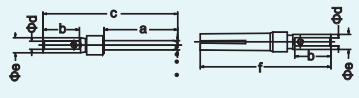
GM

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMDS-Z009-P Order No.:20031112	Type:GMDS-K009-P Order No.:20031113	M F



5A Crimp contact

	Male		Female	
	Type	Order No.	Type	Order No.
	Z-S0.25/S Z-S0.33/S Z-S0.52/S Z-S0.82/S	22010204 22000301 22000601 22120717	K-S0.25/S K-S0.33/S K-S0.52/S K-S0.82/S	22010205 22000302 22000303 23120717
	Z-G0.25/S Z-G0.33/S Z-G0.52/S Z-G0.82/S	22120718 22120719 22120720 22120721	K-G0.25/S K-G0.33/S K-G0.52/S K-G0.82/S	23120718 23120719 23120720 23120721



a	b	c	d	e	f
8.23	4.2	14.0	1.35	1.75	13.6
8.10	4.0	14.8	1.12	1.66	14.4
8.10	4.0	14.8	0.9	1.66	14.4
8.10	4.0	14.8	0.64	1.66	14.4

Wire guage		Stripping length
0.09-0.21 mm²	AWG28-24	5 mm
0.13-0.33 mm²	AWG26-22	5 mm
0.33-0.52 mm²	AWG22-20	5 mm
0.33-0.82 mm²	AWG22-18	5 mm

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

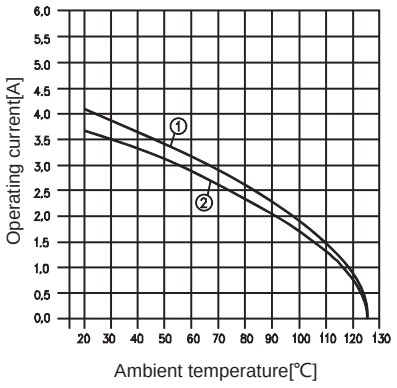
GMDS-025 high pin count module

50V 4A

Specification	
	DIN EN 60664
	DIN EN 61984
Male/Female inserts	
Number of contacts	25
Electrical data acc. to EN 61 984	
- Working current	4A
- Working voltage	50 V
- Impulse voltage	0.8kV
- Pollution degree	3
Insulation resistance	$\geq 10^{10}\ \Omega$
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-3



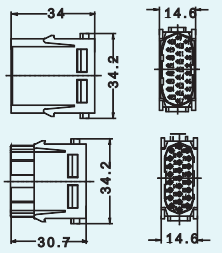
① 24 B hoods/housings with 6 modules; wire gauge: 0.5 mm²(turned contacts)

② 24 B hoods/housings with 6 modules; wire gauge: 0.5 mm²(stamped contacts)

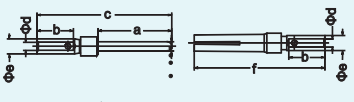
GM

Contacts			
Material	Copper alloy	Contact resistance	≤3 mΩ
Surface	Silver-plated	Crimp terminal	
	Gold-plated	-mm²	0.09-0.52mm²
		-AWG	28-20

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GMDS-Z025-P Order No.:20031114	Type:GMDS-K025-P Order No.:20031115	M F



5A Crimp contacts	Male contacts		Female contacts	
	Z-S0.25/S Z-S0.33/S Z-S0.52/S	22010204 22000301 22000601	K-S0.25/S K-S0.33/S K-S0.52/S	22010205 22000302 22000303
	Z-G0.25/S Z-G0.33/S Z-G0.52/S	22120718 22120719 22120720	K-G0.25/S K-G0.33/S K-G0.52/S	23120718 23120719 23120720



a	b	c	d	e	f
8.23	4.2	14.0	1.35	1.75	13.6
8.10	4.0	14.8	1.12	1.66	14.4
8.10	4.0	14.8	0.9	1.66	14.4
8.10	4.0	14.8	0.64	1.66	14.4

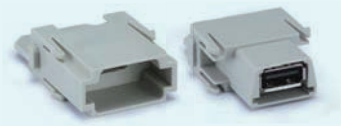
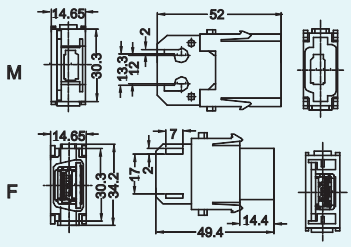
Wire guage		Stripping length
0.09-0.21 mm²	AWG28-24	5 mm
0.13-0.33 mm²	AWG26-22	5 mm
0.33-0.52 mm²	AWG22-20	5 mm

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

50V 1A

Specification	
	DIN EN 60664
	DIN EN 61984

Male/Female inserts	
Number of contacts	4
Electrical data acc. to EN 61 984	
-Working current	1A
-Working voltage	50 V
-mpulse voltage	0.8kV
-Pollution degree	3
Rated voltage acc. to UL	≤30V
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +85 ℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GM-USB-M Order No.:20022001	Type:GM-USB-F Order No.:21022001	

GM

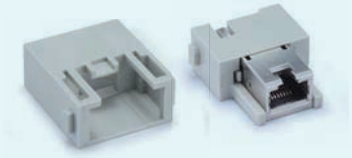
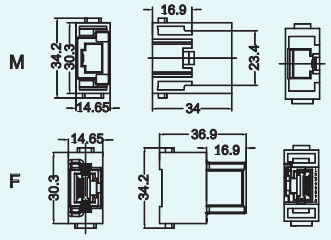
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

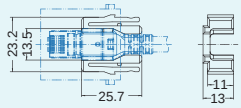
GM-RJ45 module

50V 1A

Specification	
DIN EN 60664	
DIN EN 61984	
Male/Female inserts	
Number of contacts	8
Electrical data acc. to EN 61 984	
- Working current	1A
- Working voltage	50 V
- Impulse voltage	0.8kV
- Pollution degree	3
Rated voltage acc. to UL	≤30 V
Transmission features	Category 5/Class D up to 100 MHz acc. to ISO/IEC 24 702,ISO/IEC 11 801
Transmission rate	10/100/1000 Mbit/s
Insulation resistance	$\geq 10^{10}$ Ω
Material	Polycarbonate
Temperature range	-40℃... +125℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500

GM

Crimp terminal	Male insert	Female insert	Dimensions (mm)
	Type:GM-RJ45-M Order No.:20090062	Type:GM-RJ45-F Order No.:21090062	

Adapter			
For patch cable 	Type : GM-RJ45-APT	Order No. : 20090063	
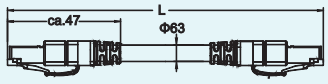
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

50V 1A

Specification	ISO/IEC 24 702
	ISO/IEC 11 801
	ISO/IEC 61 935-2

Cat.5 e RJ45 Patch cable

Transmission features	Category 5 up to 100 MHz acc. to ISO/IEC 24 702,ISO/IEC 11 801
Transmission rate	10/100/1000 Mbit/s
Cable type	1:1 EIA/TIA 568 B,8 poles
Material cables	SF/UTR,PUR, Blue
Limiting temperatures	
- Mobile	0℃... +60 ℃
- Stationary	-40℃... +80 ℃
Flammability	Flame retardant,halogen-free
Degree of protection	IP 20

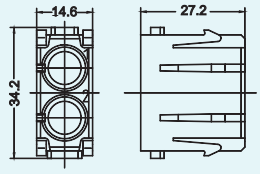
Patch cable	L	Type	Type	Dimensions (mm)
	1.5m	GC-RJ45-1.5(Cat.5e)	20090083	
	2m	GC-RJ45-2.0(Cat.5e)	20090084	
	3m	GC-RJ45-3.0(Cat.5e)	25811018	
	4m	GC-RJ45-4.0(Cat.5e)	20090086	
	5m	GC-RJ45-5.0(Cat.5e)	25811026	
	7m	GC-RJ45-7.0(Cat.5e)	20090088	
	9m	GC-RJ45-9.0(Cat.5e)	20090089	
	10m	GC-RJ45-10.0(Cat.5e)	20090090	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

GMP-002 pneumatic module

Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	2
Material	Polycarbonate
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500
Contacts	
Material	delrin acetal
Color	Black
Tube termination	
- Internal diameter(ID)	6mm / 1/4 “
Working pressure	Maximum 8 Bar / 116 psi
Sealing	
- Material	Buna-N
Shut off valve	
- Material	Polypropylen

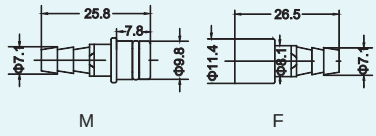
Pneumatic module	Type	Order No.	Dimensions (mm)
	GMP-002	Order No.:25811011	

GM

Accessories

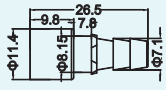
Pneumatic contacts for tube internal diameter(ID)

Pneumatic contacts without shut off	Category	ID	Type	Order No.
	Male	6.0mm	GCM-6.0	25811012
	Female	6.0mm	GCF-6.0	25811017



Pneumatic contacts for tube internal diameter(ID)

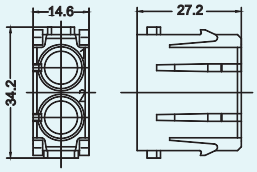
Pneumatic contacts with shut off	Category	ID	Type	Order No.
	Female	6.0mm	GCFS-6.0	25811014



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	3
Material	Polycarbonate
Limiting temperatures	-40℃...+80℃
Flammability acc. to UL94	V0
Mechanical working life-mating cycles	≥500
Contacts	
Material	delrin acetal
Color	Black
Tube termination	
- Internal diameter(ID)	1.6mm / 1/16"
	3.0mm
	4.0mm / 1/8"
Working pressure	Maximum 8 Bar / 116 psi
Sealing	
- Material	Buna-N
Shut off valve	
- Material	Polypropylen

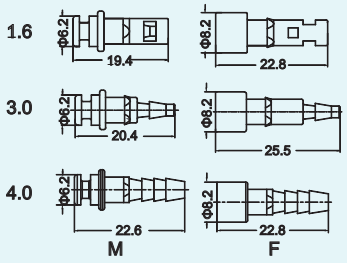
Pneumatic module			Dimensions (mm)
	GMP-003	Order No.:25811019	

GM

Accessories

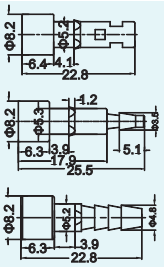
Pneumatic contacts for tube internal diameter(ID)

Pneumatic contacts without shut off	Category	ID	Type	Order No.
	Male	1.6mm	GCM-1.6	20090066
		3.0mm	GCM-3.0	20090067
		4.0mm	GCM-4.0	20090068
	Female	1.6mm	GCF-1.6	21090066
		3.0mm	GCF-3.0	25811027
		4.0mm	GCF-4.0	25811020



Pneumatic contacts for tube internal diameter(ID)

Pneumatic contacts with shut off	Category	ID	Type	Order No.
	Female	1.6mm	GCFS-1.6	21090079
		3.0mm	GCFS-3.0	25811028
		4.0mm	GCFS-4.0	25811021



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

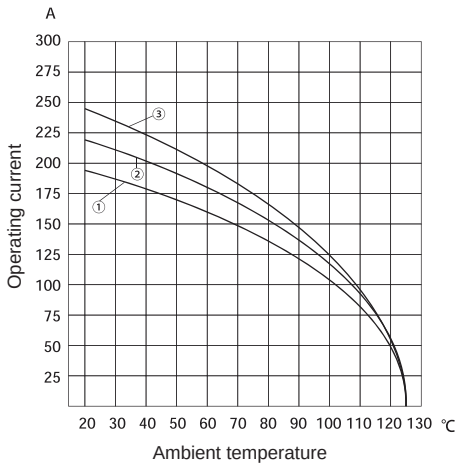
Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	3,3/2+PE
Electrical data acc. to DIN EN 61984	
Power area	200A 1150/2000V 8kV 3
- Rated current	200A
- Rated voltage	1150/2000V
- Rated impulse voltage	8kV
- Pollution degree	3
Pollution degree 2 also	200A 2000V 12kV 2
Signal area	16A 400V 6kV 3
- Rated current	16A
- Rated voltage	400V
- Rated impulse voltage	6kV
- Pollution degree	3
Pollution degree 2 also	16A 500V 6kV 2
Insulation resistance	$\geq 10^{10}\Omega$
Material	Polycarbonate
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.2 mΩ
Axial screw termination	
- Power contacts	35 ... 70 mm²
- AWG	2 ... 00
- Hexagonal Driver	SW5
- Stripping length	22mm
	mm² 35 50 70
- Tightening torque	N.m 8 9 10
PE contact (only gk-003/2)	
- Wire guage	16 ... 35 mm²
- AWG	5 ... 2
- Hexagonal Driver	SW4
- Stripping length	14 mm
- Tightening torque	6Nm



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



① Wire guage : 35 mm ^{2}

② Wire guage : 50 mm ^{2}

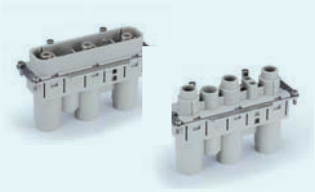
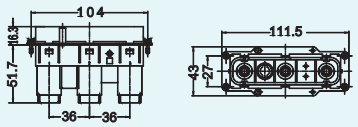
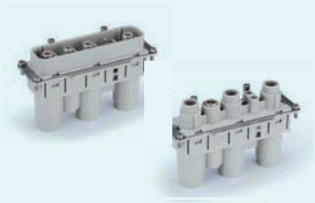
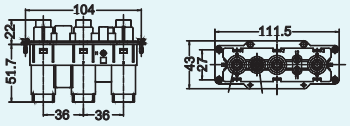
③ Wire guage : 70 mm ^{2}

GC

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

1150/2000V 200A 3/0 , 3/2+ ⏚

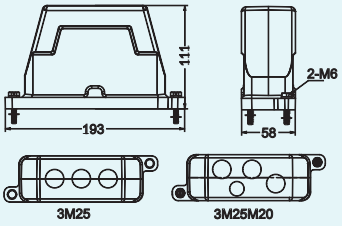
Only to be used with HPR hoods and housings.

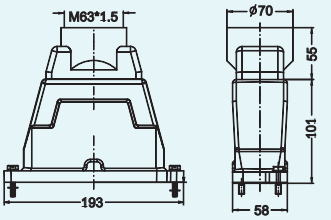
Axial screw terminal	Category	Type	Order No.	Dimensions (mm)
	Male Female	GK-003/0-M GK-003/0-F	20090069 21090069	1) Distance for contact max.21 mm  M
Axial screw terminal	Category	Type	Order No.	
	Male Femal	GK-003/2-M GK-003/2-F	20090070 21090070	 F

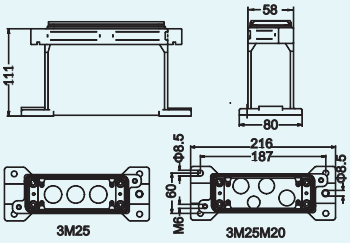
GC

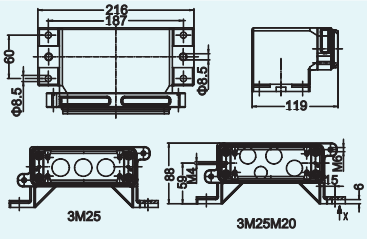
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

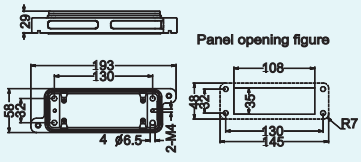
Special hood/housing for GK-003/0,GK-003/2
Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	3M25	GP24B/H-TEH-2S-3M25	24130021	
	3M25,M20	GP24B/H-TEH-2S-3M25M20	24130022	
		Toggle locking		
	3M25	GP24B/H-TEH-2T-3M25	24130023	
	3M25,M20	GP24B/H-TEH-2T-3M25M20	24130024	

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	M63	GP24B/H-TEH-2S-M63	24130025	
		Toggle locking		
	M63	GP24B/H-TEH-2T-M63	24130026	

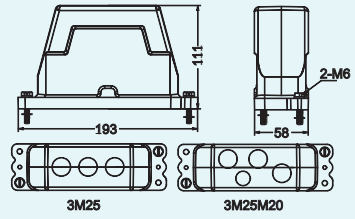
Surface mounting housing vertical	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	3M25	GP24B/H-SFH-2H-3M25	24130027	
	3M25,M20	GP24B/H-SFH-2H-3M25M20	24130028	
		Toggle locking		
	3M25	GP24B/H-SFH-2T-3M25	24130029	
	3M25,M20	GP24B/H-SFH-2T-3M25M20	24130030	

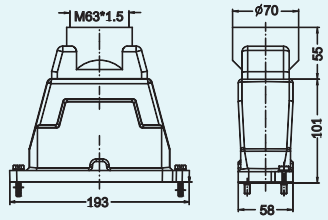
Surface mounting housing horizontal	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	3M25	GP24B/H-BK-SE-2H-3M25	24130031	
	3M25,M20	GP24B/H-BK-SE-2H-3M25M20	24130032	
	M50	GP24B/H-BK-SE-2H-M50	24130033	
		Toggle locking		
	3M25	GP24B/H-BK-SE-2T-3M25	24130034	
	3M25,M20	GP24B/H-BK-SE-2T-3M25M20	24130035	
	M50	GP24B/H-BK-SE-2T-M50	24130036	

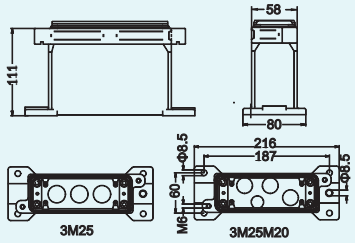
Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	---	GP24B/H-BK-2H	24130037	
		Toggle locking		
	---	GP24B/H-BK-2T	24130038	

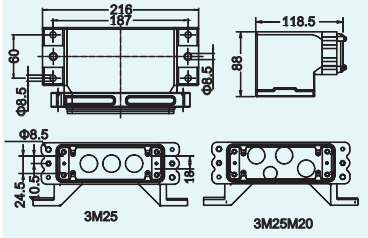
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

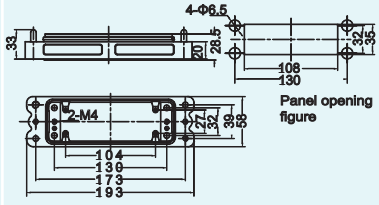
Special hood/housing for GK-003/0,GK-003/2
Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25,M20	Screw locking GP24B/H-TEH-4S-3M25 GP24B/H-TEH-4S-3M25M20	24130039 24130040	

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	M63	Screw locking GP24B/H-TEH-4S-M63	24130041	

Surface mounting housing vertical	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25,M20	Screw locking GP24B/H-SFH-4H-3M25 GP24B/H-SFH-4H-3M25M20	24130042 24130043	

Surface mounting housing horizontal	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25,M20 M50	Screw locking GP24B/H-BK-SE-4H-3M25 GP24B/H-BK-SE-4H-3M25M20 GP24B/H-BK-SE-4H-M50	24130044 24130045 24130046	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	-	Screw locking GP24B/H-BK-4H	24130047	

Housing

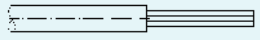
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Technical characteristics

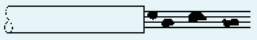
Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	1,2,3,4,3+PE
Electrical data acc. to DIN EN 61984	
-Rated current	250A
- Rated voltage	2000V
- Rated impulse voltage	12kV
- Pollution degree	3
Insulation resistance	≥10^{10}Ω
Material	Polycarbonate
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.3 mΩ
Crimp terminal	
- mm²	35 ... 70 mm²
- Max insulation diameter	18mm
- Crimp dies	Acc. to DIN 46 325
- Pressing force requirement	130 kN
Frame	
Material	Stainless steel
Tightening torque of the fixing screws	0.5 Nm

GC

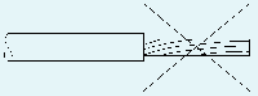
Assembly instructions



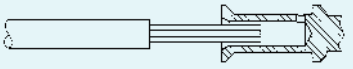
Remove wire insulation



Remove the dirt and oxide layer of copper wire



Do not revolve the copper wire



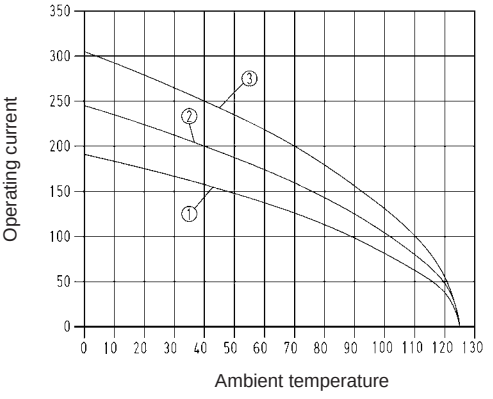
To check whether the wire is infixed to the bottom of the contact through the inspection opening.

Crimp terminal



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



24 B hoods/housings with 4 modules

①Wire guage： 35 mm ²

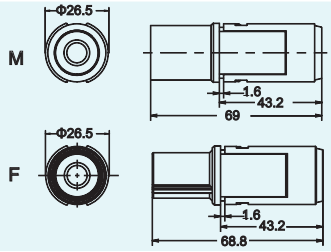
②Wire guage： 50 mm ²

③Wire guage： 70 mm ²

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

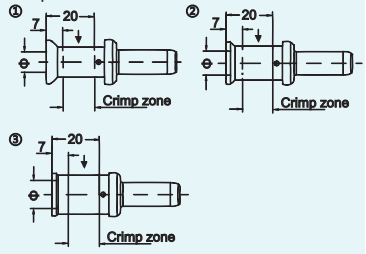
2000V 250A

Only to be used with HPR hoods and housings.

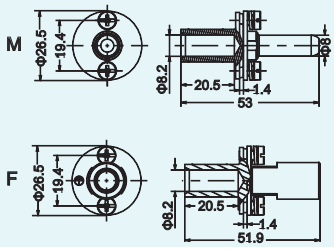
Crimp terminal	Category	Type	Order No.	Dimensions (mm)
	Male Female	GC250-MC GC250-FC	20090071 21090071	

Accessory

250A Crimp contact	Category	Type	Order No.	Dimensions (mm)
	Male Female	GHSM250-35 GHSM250-50 GHSM250-70 GHSF250-35G GHSF250-50G GHSF250-70G	22120722 22120723 22120724 23120722 23120723 23120724	for stranded wire according to IEC 60 228-5 Crimp zone acc. to EN 46 235



NO.	Wire guage	Φ	Stripping length
①	35 mm²	8.5mm	22mm
②	50 mm²	10.3mm	22mm
③	70 mm²	11.8mm	22mm

250A PE Crimp contact	Category	Type	Order No.	Dimensions (mm)
Silver Plated 	Male Female	GHSM250PE-35 GHSF250PE-35	25820012 25820013	

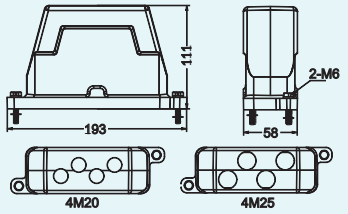
Tool	Wire guage	Type	Order No.
Hydraulic handtool 	10-240 mm²	GL05	25820014

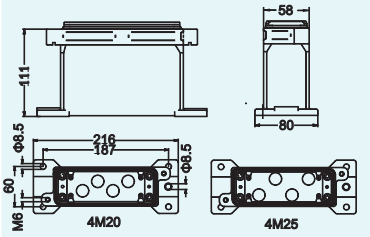
GC

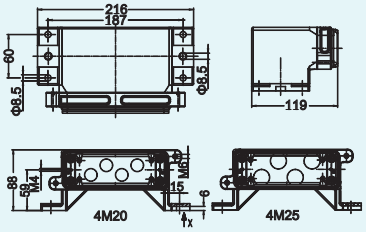
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

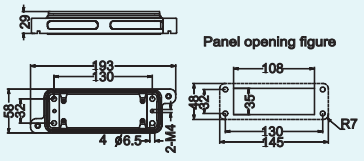
HPR hoods and housings

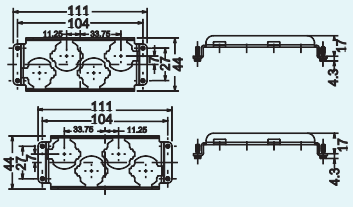
Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	4M20	GP24B/H-TEH-2S-4M20	24130048	
	4M25	GP24B/H-TEH-2S-4M25	24130049	
		Toggle locking		
	4M20	GP24B/H-TEH-2T-4M20	24130050	
	4M25	GP24B/H-TEH-2T-4M25	24130051	

Surface mounting housing vertical construction	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	4M20	GP24B/H-SFH-2H-4M20	24130052	
	4M25	GP24B/H-SFH-2H-4M25	24130053	
		Toggle locking		
	4M20	GP24B/H-SFH-2T-4M20	24130054	
	4M25	GP24B/H-SFH-2T-4M25	24130055	

Surface mounting housing horizontal construction	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	4M20	GP24B/H-BK-SE-2H-4M20	24130056	
	4M25	GP24B/H-BK-SE-2H-4M25	24130057	
		Toggle locking		
	4M20	GP24B/H-BK-SE-2T-4M20	24130058	
	4M25	GP24B/H-BK-SE-2T-4M25	24130059	

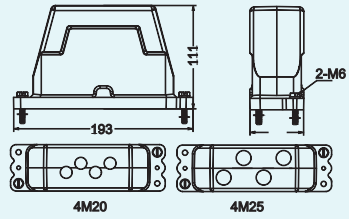
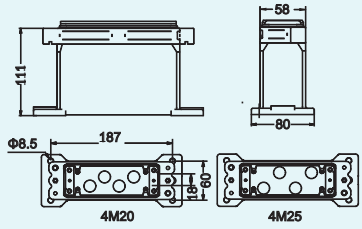
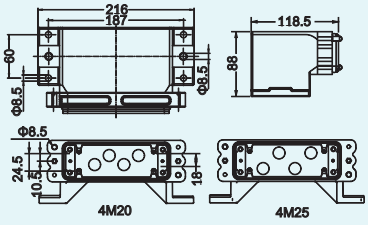
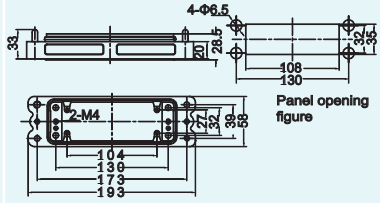
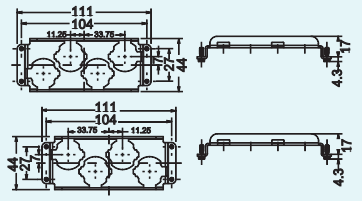
Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	-	GP24B/H-BK-2H	24130060	
		Toggle locking		
	-	GP24B/H-BK-2T	24130061	

Frame	Thread(M)	Type	Order No.	Dimensions (mm)
		Screw locking		
	---	GF24B-004A-M	24130062	
		Toggle locking		
	---	GF24B-004A-F	24130063	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	4M20 4M25	Screw locking GP24B/H-TEH-4S-4M20 GP24B/H-TEH-4S-4M25	24130064 24130065	
Surface mounting housing vertical construction	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	4M20 4M25	Screw locking GP24B/H-SFH-4H-4M20 GP24B/H-SFH-4H-4M25	24130066 24130067	
Surface mounting housing horizontal construction	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	4M20 4M25	Screw locking GP24B/H-BK-SE-4H-4M20 GP24B/H-BK-SE-4H-4M25	24130068 24130069	
Bulkhead mounting housing	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	-	Screw locking GP24B/H-BK-4H	24130070	
Hood top entry	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	--- ---	GF24B-004A-M GF24B-004A-F	24130105 24130106	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	1,2,3/3+PE
Electrical data acc. to DIN EN 61984	
Without adaptor	
- Rated current	350A
-Rated voltage	2000V
- Rated impulse voltage	12kV
- Pollution degree	3
With adaptor	
- Rated current	350A
- Rated voltage	4000V
- Rated impulse voltage	18kV
- Pollution degree	3
Insulation resistance	$\geq 10^{10}\Omega$
Material	Polyamide
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.2 mΩ
Axial screw terminal	
- Wire guage	35 ... 120 mm²
- AWG	1-00/000-0000
- Stripping length	19 ... 20 mm
- The largest cable diameter	19.5 mm
- Tightening torque	
Screw terminal	
- Thread	M 10
- Wrench size	SW 17
- Tightening torque	14 Nm
Frame	
Material	Stainless steel
Tightening torque of the fixing screws	0.5 Nm
Tightening torque of the cross-tying screws on the frame for 4 poles	1.5 Nm

mm²	35	50	70	95	120
Nm	8	10	12	14	16

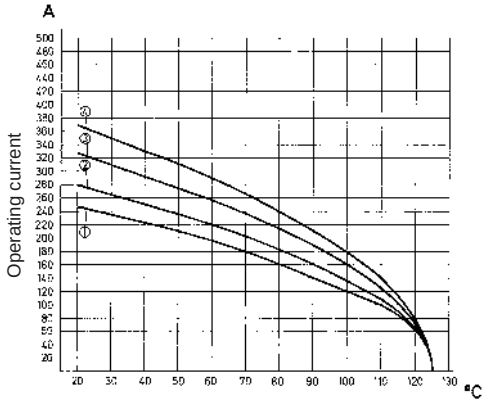
GC

Axial screw terminal



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



Ambient temperature

24B high protective shell with 3 module inserts

①Wire guage： 50 mm²

②Wire guage： 70 mm²

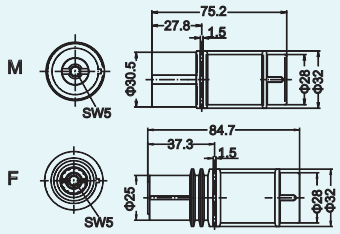
③Wire guage： 95 mm²

④Wire guage： 120 mm²

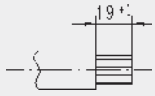
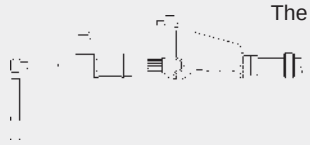
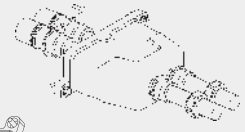
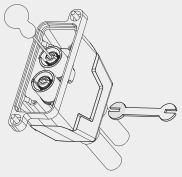
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

2000/4000V 350A

Only to be used with HPR hoods and housings.

Axial screw terminal	Category	Type	Order No.	Dimensions (mm)
	Male Female	GC350.70-M (35-70mm2) GC350.120-M (95-120mm2) GC350.70-F (35-70mm2) GC350.120-F(95-120mm2)	20090072 20090073 21090072 21090073	

Assembly instructions

		Illustration
Step 1:	The outer diameter of the cable must not exceed 19.5 mm. Strip the cable by 19 mm. Insert the cable through hood.	The first step 
Step 2:	Press the contact on the cable strand and apply tightening torque according table 1 by using a tightening torques tool. Take care that all cable strands fit completely inside the contact termination cavity. During assembling adhere the cable and the contact to minimise axial movement or twisting.	The second step 
Step 3:	Move the perforated frame across the contacts.	The third step 
Step 4:	Fit frame E onto the hexagon shape of the contact. Coding can be arranged by turning the contact within 60° steps. Bolt the fixing screws together with perforated frame.	 The fourth step
Step 5:	Push back the packet inside the good.	The fifth step 
Step 6:	Tighten the four M3 (tightening torque 0.5 Nm) screws and the cable gland according manufacturer recommendation.	 The sixth step

GC

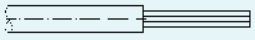
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Technical characteristics

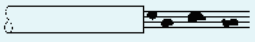
Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	1,2,3,4,3+PE
Electrical data acc. to DIN EN 61984	
Without adaptor	
- Rated current	350A
- Rated voltage	2000V
- Rated impulse voltage	12kV
- Pollution degree	3
With adaptor	
- Rated current	350A
- Rated voltage	4000V
- Rated impulse voltage	18kV
- Pollution degree	3
Insulation resistance	$\geq 10^{10}\Omega$
Material	Polyamide
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.3 mΩ
Crimp terminal	
- mm^2	35 ... 120 mm^2
The largest cable diameter	22mm
Pressure to	130kN
Frame	
Material	Stainless steel
Tightening torque of the fixing screws	0.5 Nm
Tightening torque of the cross-tying screws on the frame for 4 poles	1.5 Nm

GC

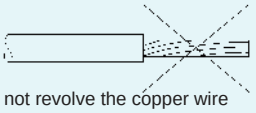
Assembly instructions



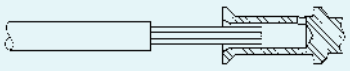
Remove wire insulation



Remove the dirt and oxide layer of copper wire



Do not revolve the copper wire



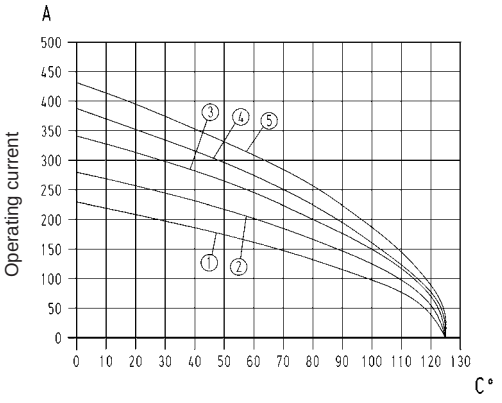
To check whether the wire is infixed to the bottom of the contact through the inspection opening.

Crimp terminal



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



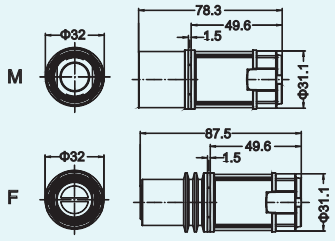
24 B hoods/housings with 3 modules

①Wire guage : 35 mm^2
②Wire guage : 50 mm^2
③Wire guage : 70 mm^2
④Wire guage : 95 mm^2
⑤Wire guage : 120 mm^2

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

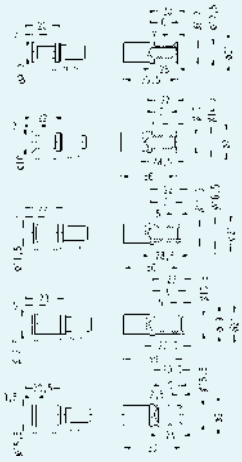
2000/4000V 350A

Only to be used with HPR hoods and housings.

Crimp terminal	Thread(M)	Type	Order No.	Dimensions (mm)
	Male Female	GC350-MC GC350-FC	20090074 21090074	

Accessory

350A Crimp contact				
	Male	GHSM350-35	22120725	Cable strand according to IEC 60 228-5 Crimping area according to DIN 46 235
		GHSM350-50	22120726	
		GHSM350-70	22120727	
		GHSM350-95	22120728	
		GHSM350-120	22120729	
	Female	GHSF350-35G	23120725	
		GHSF350-50G	23120726	
		GHSF350-70G	23120727	
		GHSF350-95G	23120728	
		GHSF350-120G	23120729	



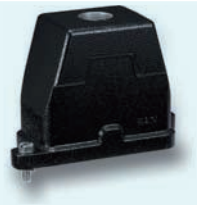
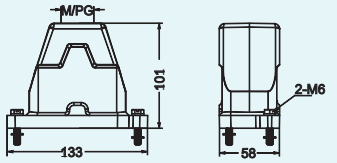
NO.	Wire guage	Φ	Stripping length
①	35 mm²	8.2mm	26mm
②	50 mm²	10.0mm	28mm
③	70 mm²	11.5mm	28mm
④	95 mm²	13.5mm	30mm
⑤	120 mm²	15.5mm	24mm

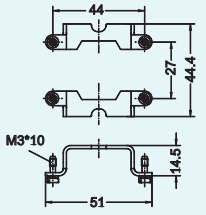
Tool	Wire guage	Type	Order No.
Hydraulic handtool 	10-240 mm²	GL05	25820014

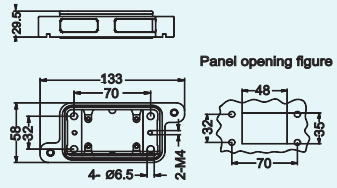
GC

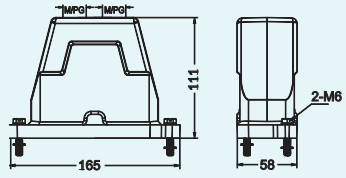
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

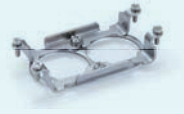
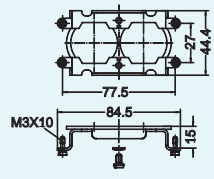
Degree of protection:IP 68

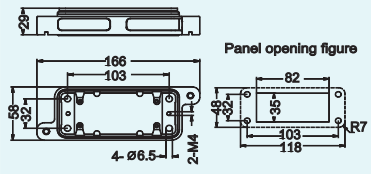
Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	M25 M32 M25 M32	Screw locking GP6B/H-TEH-2S-M25 GP6B/H-TEH-2S-M32 Toggle locking GP6B/H-TEH-2T-M25 GP6B/H-TEH-2T-M32	 24100002 24100003 24100004 24100005	

Fix frame for 6B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF6B-001C	24100006	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP6B/H-BK-2H Toggle locking GP6B/H-BK-2T	 24100007 24100008	

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	2M25 2M25	Screw locking GP16B/H-TEH-2S-2M25 Toggle locking GP16B/H-TEH-2T-2M25	24120023 24120024	

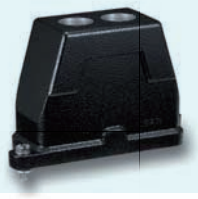
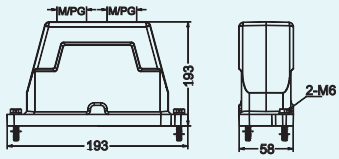
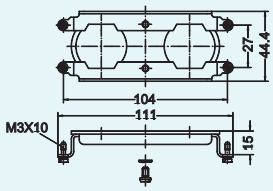
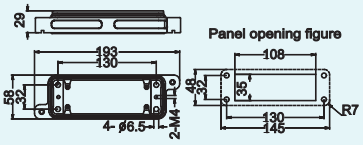
Fix frame for 16B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF16B-002C	24120025	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP16B/H-BK-2H Toggle locking GP16B/H-BK-2T	 24120026 24120027	

Housing

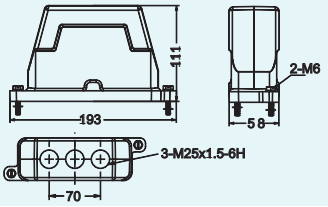
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

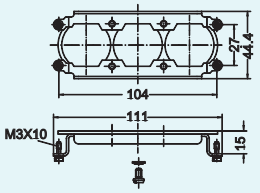
Degree of protection:IP 68

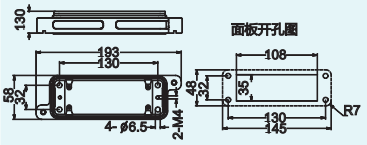
Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	2M25 2M32 2M25 2M32	Screw locking GP24B/H-TEH-2S-2M25 GP24B/H-TEH-2S-2M32 Toggle locking GP24B/H-TEH-2T-2M25 GP24B/H-TEH-2T-2M32	 24130071 24130072 24130073 24130074	
Fix frame for 24B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF24B-002C	24130075	
Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	 --- ---	Screw locking GP24B/H-BK-2H Toggle locking GP24B/H-BK-2T	 24130076 24130077	

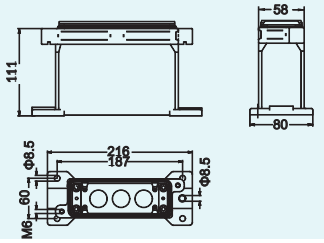
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

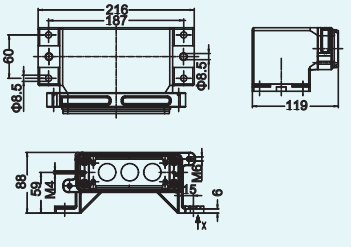
Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25	Screw locking GP24B/H-TEH-2S-3M25 Toggle locking GP24B/H-TEH-2T-3M25	24130078 24130079	

Fix frame for 24B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF24B-003C	24130080	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP24B/H-BK-2H Toggle locking GP24B/H-BK-2T	24130081 24130082	

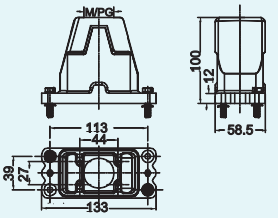
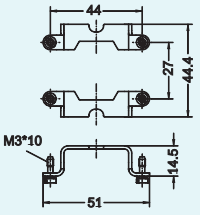
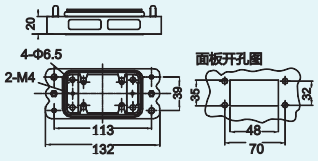
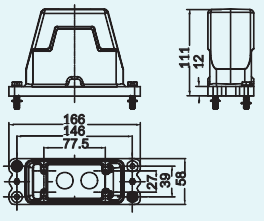
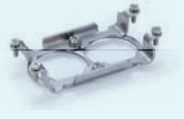
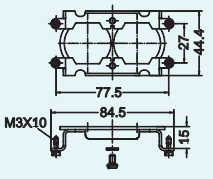
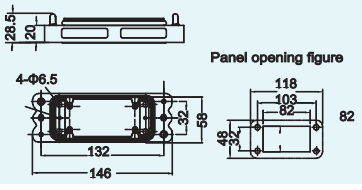
Surface mounting housing vertical construction	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25	Screw locking GP24B/H-SFH-2H-3M25 Toggle locking GP24B/H-SFH-2T-3M25	24130083 24130084	

Surface mounting housing horizontal construction	Thread(M)	Type	Order No.	Dimensions (mm)
	3M25 3M25	Screw locking GP24B/H-BK-SE-2H-3M25 Toggle locking GP24B/H-BK-SE-2T-3M25	24130085 24130086	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Degree of protection:IP 68

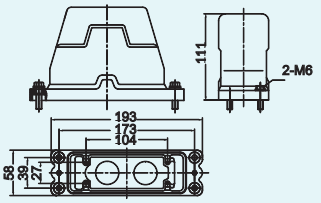
Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	M25 M32	Screw locking GP6B/H-TEH-4S-M25 GP6B/H-TEH-4S-M32	24100009 24100010	
Fix frame for 6B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF6B-001C	24100011	
Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP6B/H-BK-4H	24100012	
Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	2M25	Screw locking GP16B/H-TEH-4S-2M25	24120028	
Fix frame for 16B shell	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF16B-002C	24120029	
Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP16B/H-BK-4H	24120030	

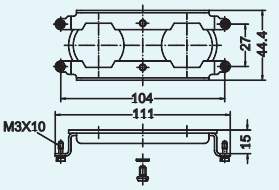
Housing

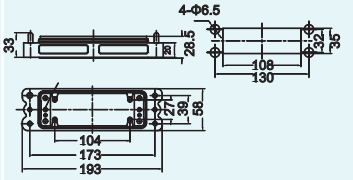
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

HPR hoods and housings

Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	2M25 2M32	Screw locking GP24B/H-TEH-4S-2M25 GP24B/H-TEH-4S-2M32	24130087 24130088	

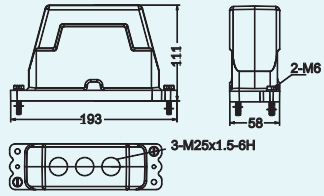
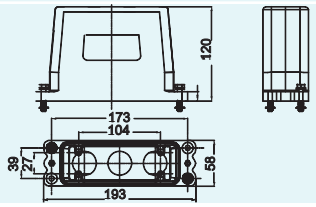
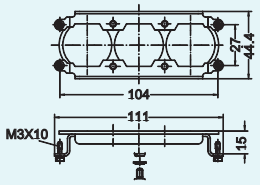
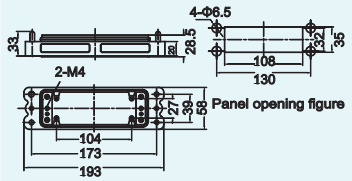
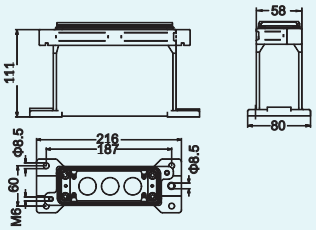
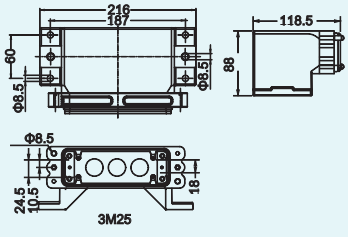
Frame	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF24B-002C	24130089	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	---	Screw locking GP24B/H-BK-4H	24130090	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Degree of protection:IP 68

Hood top entry				
	3M25	Screw locking GP24B/H-TEH-4S-3M25	24130091	
Hood top entry				
	3M32	Screw locking GP24B/H-TEHH-4S-3M32	24130092	
Fixing frame for 24B shell				
	---	GF24B-003C	24130093	
Bulkhead mounting housing				
	--- ---	Screw locking GP24B/H-BK-4H	24130094	
Surface mounting housing vertical construction				
	3M25	Screw locking GP24B/H-SFH-4H-3M25	24130095	
Surface mounting housing horizontal construction				
	3M25	Screw locking GP24B/H-BK-SE-4H-3M25	24130096	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	1,2
Electrical data acc. to DIN EN 61984	
- Rated current	650A
- Rated voltage	4000V
- Rated impulse voltage	18kV
- Pollution degree	3
Insulation resistance	≥10^{10}Ω
Material	Polyamide
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.2 mΩ
Axial screw terminal	
- Wire guage	70 ... 120 mm²/150...185 mm²
- MCM	138 - 236/300 - 350
- Stripping length	23 ... 25 mm
- The largest cable diameter	26.5 mm

mm²	70	95	120	150	185
Nm	12	14	16	17	18

- Tightening torque	
Screw terminal	
- Thread	M 12
- Tightening torque	16- 18 Nm
Frame	
Material	Stainless steel
Tightening torque of the cross-tying screws on the frame for 4 poles	0.5 Nm

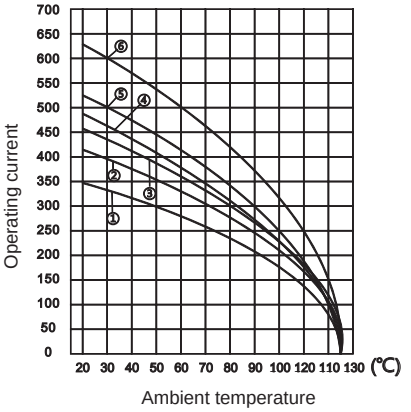
GC

Axial screw terminal



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



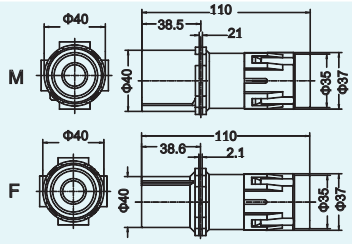
24 B hoods/housings with 2 modules

①Wire guage : 70 mm²
②Wire guage : 95 mm²
③Wire guage : 120 mm²
④Wire guage : 150 mm²
⑤Wire guage : 180 mm²
⑥Wire guage : 240 mm²

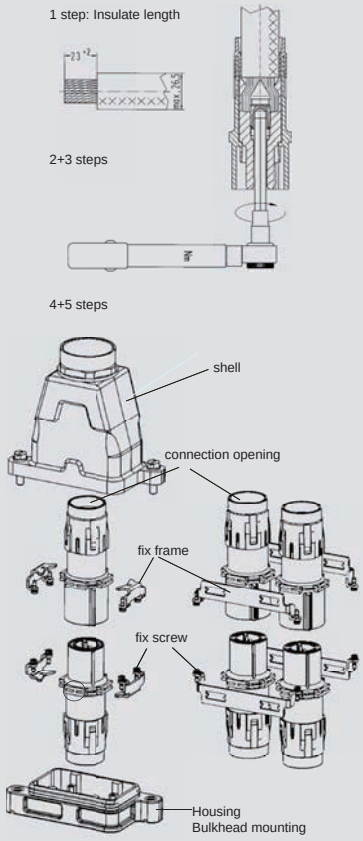
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

4000V 650A

Only to be used with HPR hoods and housings.

Axial screw terminal	Category	Type	Order No.	Dimensions (mm)
	Male Female	GC650.120-M (70-120mm2) GC650.185-M (120-185mm2) GC650.120-F (70-120mm2) GC650.185-F(120-185mm2)	20090075 20090076 21090075 21090076	

Assembly instruction

	Illustration
Step 1: Strip cable to 23+2 mm. Step 2: Push conductor through the cable gland and the housing. Push the stripped end of the conductor into the termination entry of the module until the insulation touches the contact. Step 3: To tighten the axial screw, a hexagonal wrench size 8 is needed. Insert the hexagonal wrench on the mating side of the contact. At the same time, push the conductor over the axial screw.The locking screw has to be tightened with the recommended tightening torque that is determined by the conductor's cross section. Step 4: Once the modules are terminated, they are mounted into the housing by using two metal frames (tightening torque of the fixing screws = 0.5 Nm). The modules have 4 pegs formed by 2 parallel ribs (each peg shapes like a "H"). Each rib takes 1 pole frame, where the lateral link has to go into the relief of the frame. The 2 pole frames have 2 cutouts on the wall which get fitted to the "H"-shaped pegs (see figure). The heads of the screws have to face the mating direction of the module. Coding can be established by rotating the contact by 90 degrees. Therefore it is important that the corresponding modules are assembled in the correct position otherwise mating is not possible. Step 5: After assembling the modules in the housing, the tightening torque of the locking screw can be checked and corrected if necessary. Step 6: After final assembly of the contacts, the user should ensure that the cable is adequately strain reliefed to protect the contact from radial stress.	

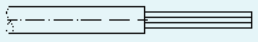
GC

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

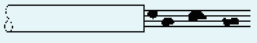
Technical characteristics

Specification	
	DIN EN 60664
	DIN EN 61984
Inserts	
Number of contacts	1,2
Electrical data acc. to DIN EN 61984	
Without adaptor	
- Rated current	650A
- Rated voltage	2000V
- Rated impulse voltage	12kV
- Pollution degree	3
With adaptor	
- Rated current	650A
- Rated voltage	4000V
- Rated impulse voltage	18kV
- Pollution degree	3
nsulation resistance	$\geq 10^{10}\Omega$
Material	Polyamide
Limiting temperature	-40℃...+125℃
Flammability acc. to UL94	V0
Mating cycles	≥ 500
Contacts	
Material	Copper alloy
Surface	Silver
Contact resistance	≤0.3 mΩ
Crimp terminal	
- mm^2	240 mm^2
The largest cable diameter	32mm
Pressure to	130kN
Frame	
Material	Stainless steel
Tightening torque of the cross-tying screws on the frame for 4 poles	0.5 Nm

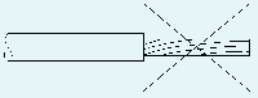
Assembly instructions



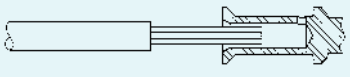
Remove wire insulation



Remove the dirt and oxide layer of copper wire



Do not revolve the copper wire



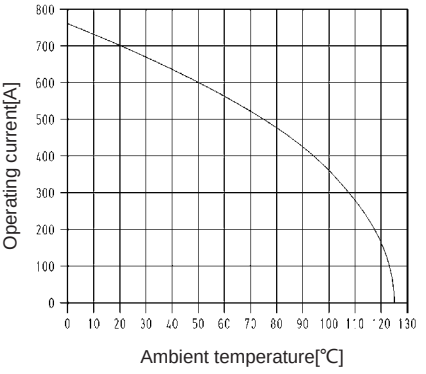
To check whether the wire is infixed to the bottom of the contact through the inspection opening.

Crimp terminal



Current carrying capacity sheet

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. Measuring and testing techniques acc. to DIN EN 60 512-5



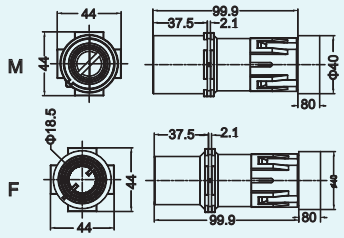
24 B hoods/housings with 2 modules

GC

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

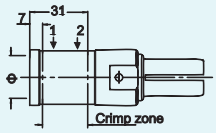
4000V 650A

Only to be used with HPR hoods and housings.

Crimp terminal	Category	Type	Order No.	Dimensions (mm)
	Male Female	GC650-MC GC650-FC	20090077 21090077	

Accessory

650A Crimp contact	Category	Type	Order No.	Dimensions (mm)
	Male Female	GHSM650-240 GHSF650-240G	22120730 23120730	for stranded wire acc. to IEC 60 228-5 Crimp area acc. to DIN 46 235



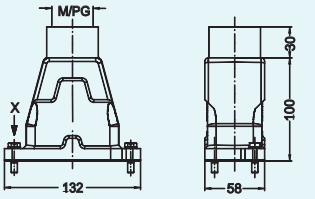
NO.	Wire guage	Φ	Stripping length
①	240 mm²	22.5mm	46mm

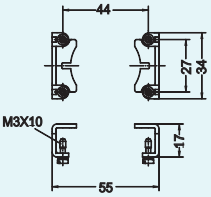
Tool	Wire guage	Type	Order No.
Hydraulic handtool 	10-240 mm²	GL05	25820014

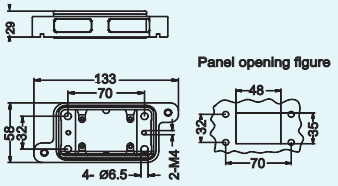
GC

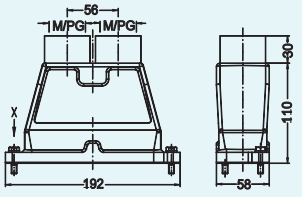
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

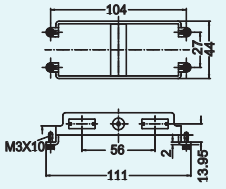
Degree of protection:IP 68

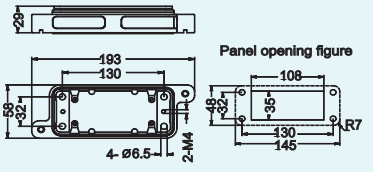
Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	M40 M40	Screw locking GP6B/H-TEH-2S-M40B Toggle locking GP6B/H-TEH-2T-M40B	24100013 24100014	

Frame	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF6B-001R	24100015	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP6B/H-BKH-2H Toggle locking GP6B/H-BKH-2T	24100016 24100017	

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	2M40 2M40	Screw locking GP24B/H-TEH-2S-2M40B Toggle locking GP24B/H-TEH-2T-2M40B	24130097 24130098	

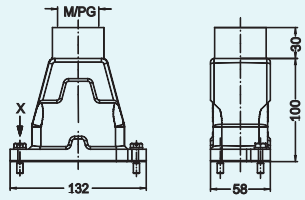
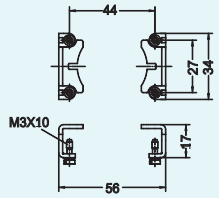
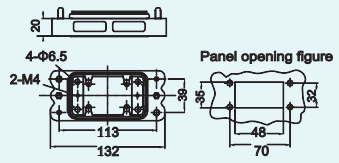
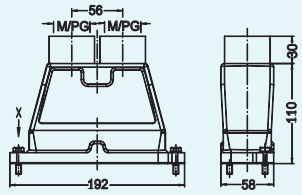
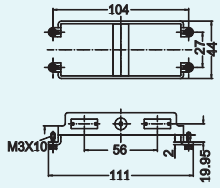
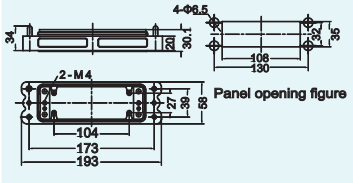
Frame	Thread(M)	Type	Order No.	Dimensions (mm)
	---	GF24B-002R	24130099	

Bulkhead mounting housing	Thread(M)	Type	Order No.	Dimensions (mm)
	--- ---	Screw locking GP24B/H-BK-2H Toggle locking GP24B/H-BK-2T	24130100 24130101	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

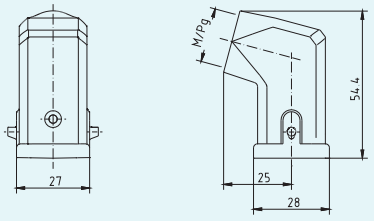
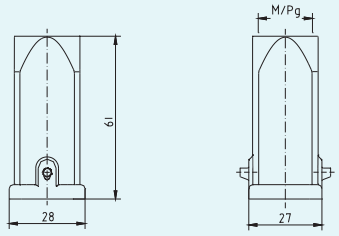
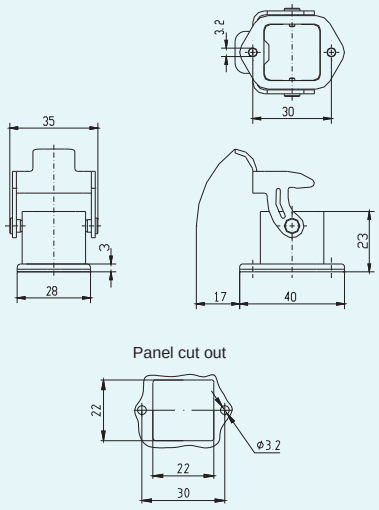
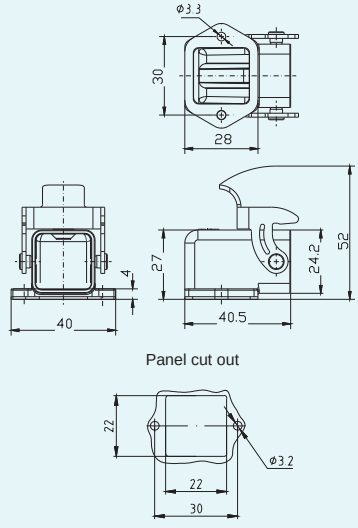
Degree of protection:IP 68

Hood top entry	Thread(M)	Type	Order No.	Dimensions (mm)
	M40	Screw locking GP6B/H-TEH-4S-M40	24100018	
Frame	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	---	GF6B-001R	24100019	
Bulkhead mounting housing	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	--- ---	Screw locking GP6B/H-BK-4H	24100020	
Hood top entry	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	2M25	Screw locking GP24B/H-TEH-4S-2M40B	24130102	
Frame	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	---	GF24B-002R	24130103	
Bulkhead mounting housing	**Thread(M)**	**Type**	**Order No.**	**Dimensions (mm)**
	--- ---	Screw locking GP24B/H-BK-4H	24130104	

Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

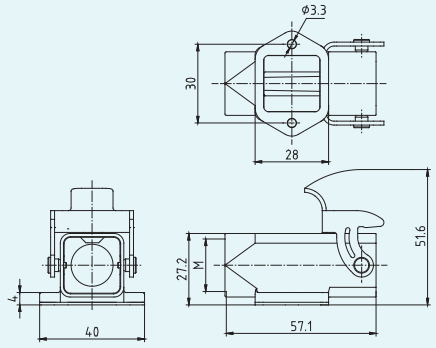
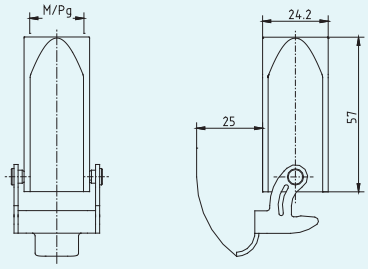
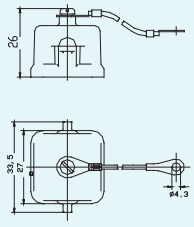
G3A metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G3A-SH2E-M20 G3A-SH2E-Pg11	M20 Pg11	24000000 24000001	
	Hood_Top entry 	G3A-T2E-M20 G3A-T2E-Pg11	M20 Pg11	24000102 24000101	
Housings	Bulkhead mounting 	G3A-NMS-1L With dust cover: G3A-NMS-1L-C		24001000 24001001	
	Housing_Side entry bulkhead mounting 	G3A-NMSS-1L		24001601	

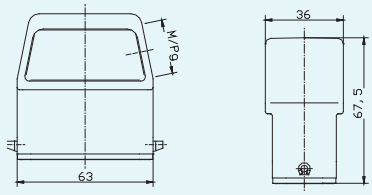
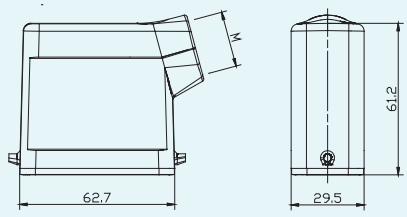
Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G3A metal hoods,housings

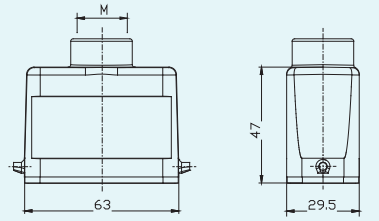
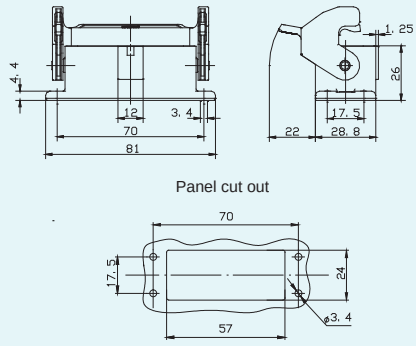
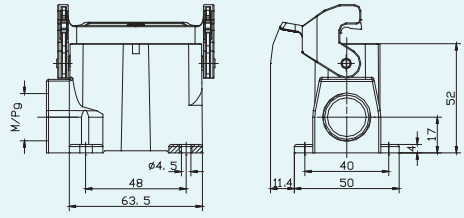
		Model	Thread spec.	Order No.	Drawing(mm)
Housing	Housing Surface mounting 	G3A-MSS-1L-M20 G3A-MSS-1L-PG11	M20 Pg11	24001700 24001701	
	Housing Cable to cable 	G3A-FC-1L-M20 G3A-FC-1L-PG11	M20 PG11	24001200 24001201	
	Protection cover for hoods 	G3A-PC		24001300	

G10A metal hoods,housings

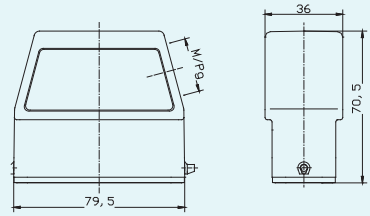
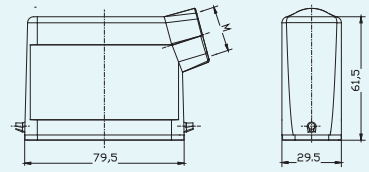
		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G10A-SH2E-M25 G10A-SH2E-PG21	M25 PG21	24010000 24010001	
	Hood_Side entry 	G10A-S2E-M20 G10A-S2E-PG16	M20 PG16	24010400 24010405	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G10A metal hoods,housings

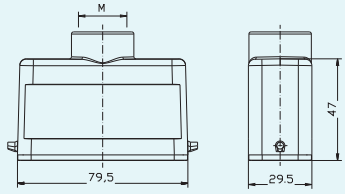
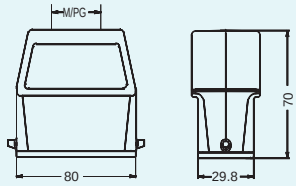
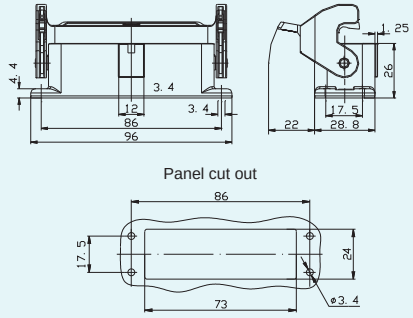
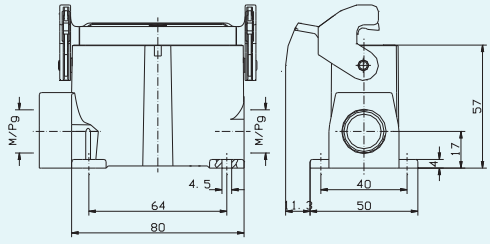
		Model	Thread spec.	Order No.	Drawing(mm)
hood	Hood_Top entry 	G10A-T2E-M20 G10A-T2E-Pg13.5	M20 Pg13.5	24010402 24010200	
Housing	Housing Bulkhead mounting 	G10A-NMS-1L With thermoplastic covers: G10A-NMS-1L-C		24011000 24010401	
	Housing Surface mounting 	G10A-MSH-1L-2M20 G10A-MSH-1L-2Pg16 With thermoplastic covers: G10A-MSH-1L-2M20-C G10A-MSH-1L-2Pg16-C	2M20 2Pg16 2M20 2Pg16	24011100 24011102 24011101 24010409	

G16A metal hoods,housings

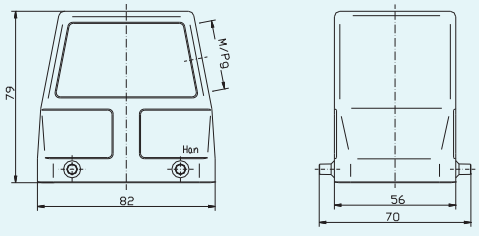
		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G16A-SH2E-M25 G16A-SH2E-Pg21	M25 Pg21	24020000 24020001	
	Hood_Side entry 	G16A-S2E-M20 G16A-S2E-PG21	M20 Pg21	24020301 24020304	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G16A metal hoods,housings

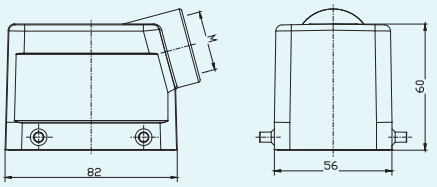
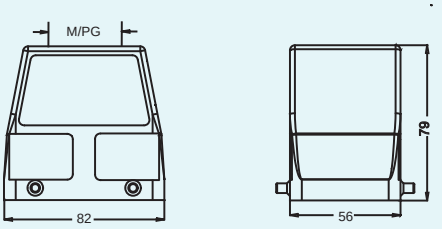
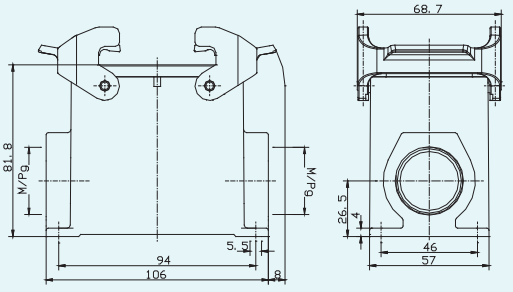
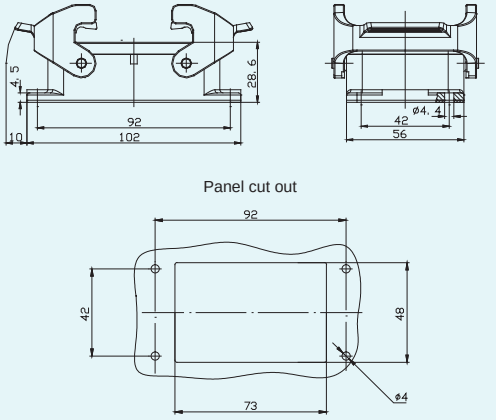
		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Top entry 	G16A-T2E-M20 G16A-T2E-Pg16	M20 PG16	24020201 24020305	
	Hood_Top entry 	G16A-TH2E-M25 G16A-TH2E-PG21	M20 PG21	24020400 24020307	
Housing	Housing Bulkhead mounting 	G16A-NMS-1L With thermoplastic covers: G16A-NMS-1L-C		24021000 24021001	
	Housing Surface Mounting 	G16A-MSH-1L-2M25 G16A-MSH-1L-2M20 G16A-MSH-1L-2PG16 With thermoplastic covers: G16A-MSH-1L-2M25-C G16A-MSH-1L-2M20-C G16A-MSH-1L-2PG16-C	2M25 2M20 2PG16 2M25 2M20 2PG16	24021102 24021100 24021103 24020310 24021101 24020312	

G32A metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood Side entry 	G32A-SH4E-M32 G32A-SH4E-PG21 G32A-SH4E-PG29	M32 PG21 PG29	24030000 24031004 24031011	

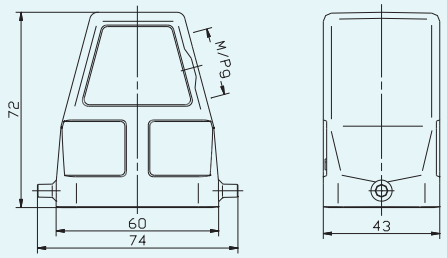
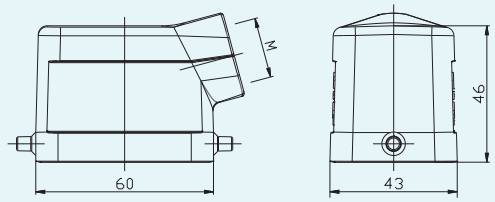
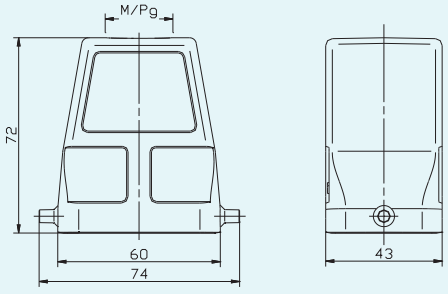
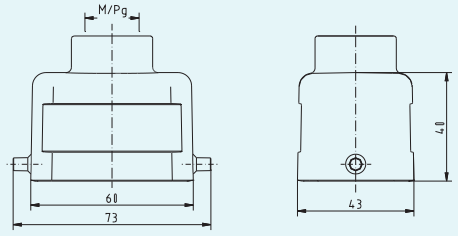
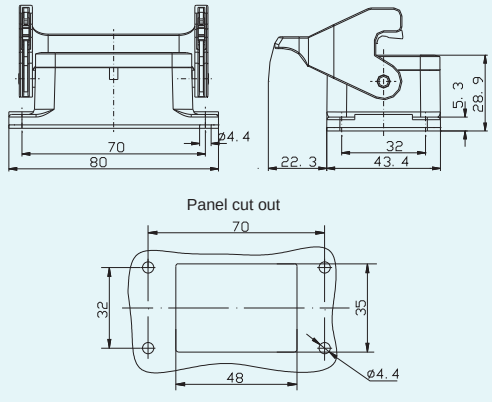
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G32A metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G32A-S4E-M25 G32A-S4E-PG21	M25 PG21	24030400 24030002	
		G32A-TH4E-M25 G32A-TH4E-M32 G32A-TH4E-PG21 G32A-TH4E-PG29	M25 M32 PG21 PG29	24030003 24030001 24030004 24030005	
Housing	Housing Surface mounting 	G32A-MSH-2L-2M32 G32A-MSH-2L-2M25 G32A-MSH-2L-2PG29 G32A-MSH-2L-2PG21	2M32 2M25 2PG29 2PG21	24031100 24033000 24031101 24030007	
	Bulkhead mounting 	G32A-NMS-2L		24031000	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

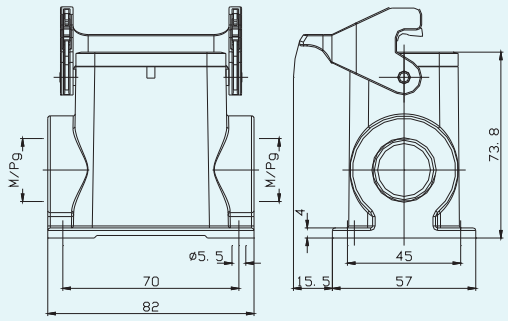
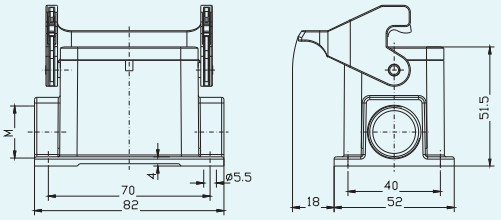
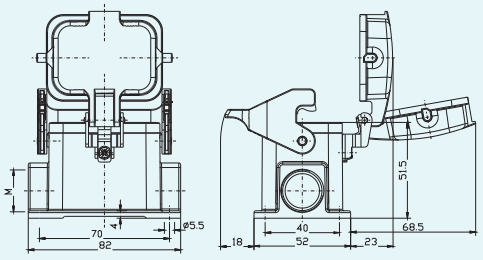
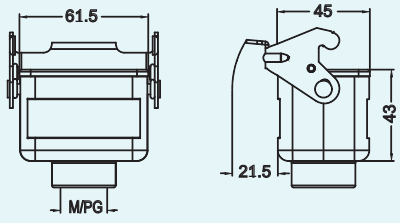
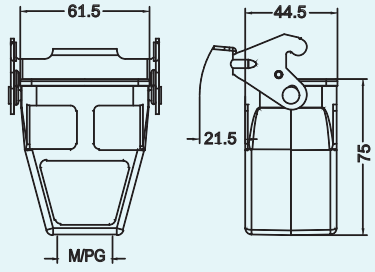
G6B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G6B-SH2E-M25 G6B-SH2E-PG21	M25 PG21	24100000 24100002	
	Hood_Side entry 	G6B-S2E-M20 G6B-S2E-PG16	M20 PG16	24100300 24100024	
	Hood_Top entry 	G6B-TH2E-M25 G6B-TH2E-PG21	M25 PG21	24100100 24100101	
	Hood_Top entry 	G6B-T2E-M20 G6B-T2E-PG16	M20 PG16	24100200 24100201	
Housing	Housing Bulkhead mounting 	G6B-NMS-1L With thermoplastic covers: G6B-NMS-1L-C		24101000 24101101	

Housing

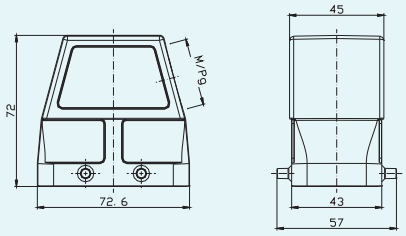
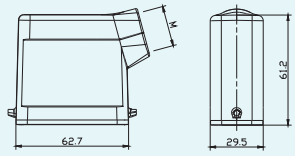
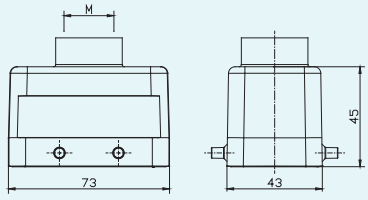
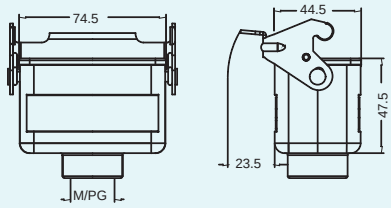
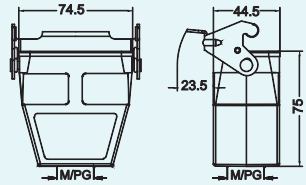
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G6B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Housing	Housing Surface mounting	G6B-MSH-1L-2M25 G6B-MSH-1L-2M32 G6B-MSH-1L-2PG21 G6B-MSH-1L-2PG29 With thermoplastic covers: G6B-MSH-1L-2M25-C G6B-MSH-1L-2M32-C G6B-MSH-1L-2PG21-C G6B-MSH-1L-2PG29-C	2M25 2M32 2PG21 2PG29 2M25 2M32 2PG21 2PG29	24101100 24100028 24101104 24100029 24101108 24100031 24100032 24100033	
	Housing Surface mounting	G6B-MS-1L-2M20 G6B-MS-1L-2M25 G6B-MS-1L-2PG16 With thermoplastic covers: G6B-MS-1L-2M20-C G6B-MS-1L-2M25-C G6B-MS-1L-2PG16-C	2M20 2M25 2PG16 2M20 2M25 2PG16	24101502 24101500 24100039 24101503 24100041 24100042	Without protection cover  With protection cover 
	Housing Cable to cable	G6B-FC-1L-M20 G6B-FC-1L-PG16	M20 PG16	24101103 24100048	
	Housing Cable to cable	G6B-FCH-1L-M25 G6B-FCH-1L-PG21	M25 PG21	24101105 24100050	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

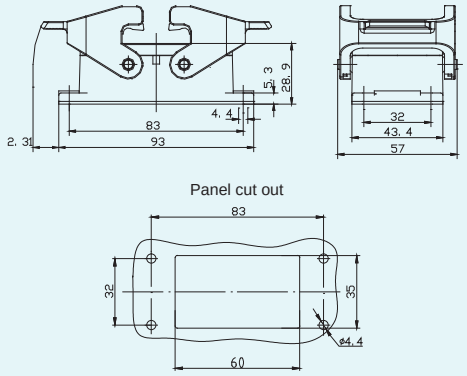
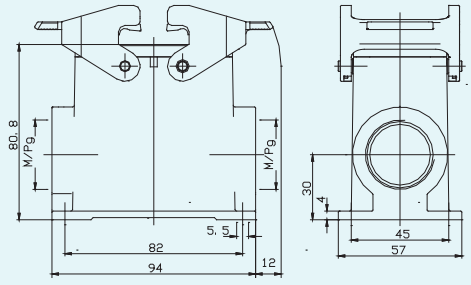
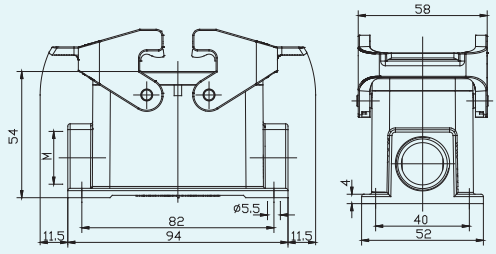
G10B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Housing_Side entry 	G10B-SH4E-M32 G10B-SH4E-PG29	M32 PG29	24110000 24110001	
	Hood_Side entry 	G10B-S4E-M20 G10B-S4E-PG21	M20 PG21	24110003 24110008	
	Hood_Top entry 	G10B-T4E-M20 G10B-T4E-PG16	M20 PG16	24110201 24110009	
Hood	Housing Cable to cable 	G10B-FC-1L-M20 G10B-FC-1L-PG16	M20 PG16	24110010 24110011	
	Housing Cable to cable 	G10B-FCH-1L-M25 G10B-FCH-1L-M32 G10B-FCH-1L-PG21 G10B-FCH-1L-PG29	M25 M32 PG21 PG29	24110012 24110013 24110014 24110015	

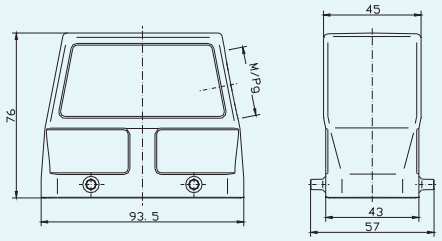
Housing

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G10B metal hoods,housings

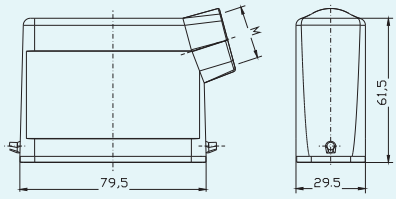
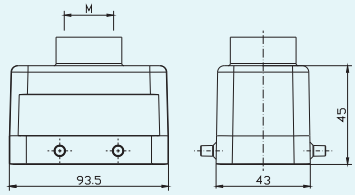
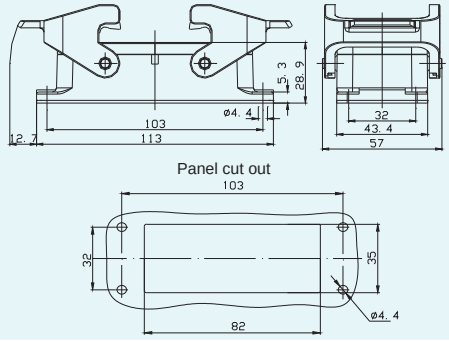
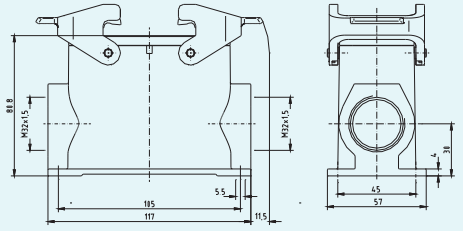
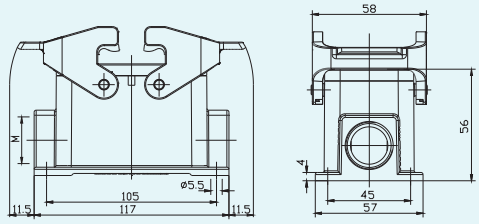
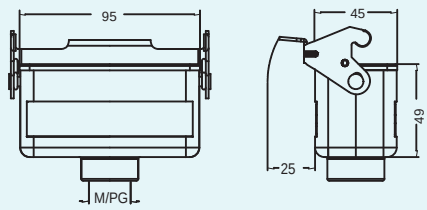
		Model	Thread spec.	Order No.	Drawing(mm)
Housing	Housing Bulkhead mounting 	G10B-NMS-2L With thermoplastic covers: G10B-NMS-2L-C		24111000 24111001	
	Housing Surface mounting 	G10B-MSH-2L-2M32 G10B-MSH-2L-2M25 G10B-MSH-2L-2PG21 G10B-MSH-2L-2PG29 With thermoplastic covers: G10B-MSH-2L-2M32-C G10B-MSH-2L-2M25-C G10B-MSH-2L-2PG21-C G10B-MSH-2L-2PG29-C	2M32 2M25 2PG21 2PG29 2M32 2M25 2PG21 2PG29	24111100 24111103 24110018 24110019 24111102 24111101 24110022 24110023	
	Housing Surface mounting 	G10B-MS-2L-2M20 G10B-MS-2L-2PG16 With thermoplastic covers: G10B-MS-2L-2M20-C G10B-MS-2L-2PG16-C	2M20 2PG16 2M20 2PG16	24111501 24111503 24110028 24110030	

G16B metal hoods,housings

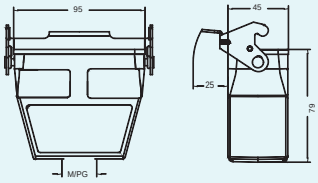
		Model	Thread spec.	Order No.	Drawing(mm)
	Hood_Side entry 	G16B-SH4E-M32 G16B-SH4E-PG29	M32 PG29	24120000 24120001	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

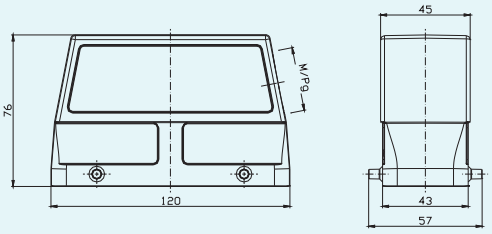
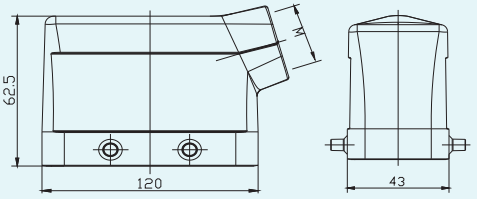
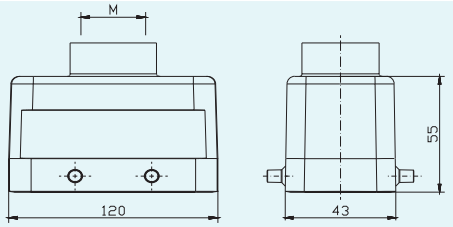
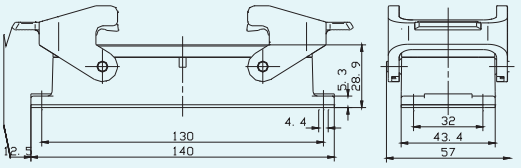
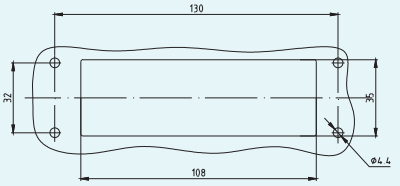
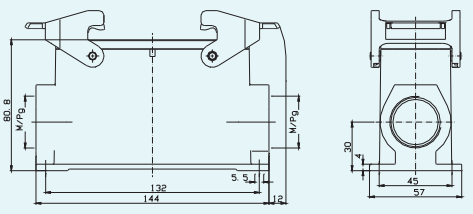
G16B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G16B-S4E-M25 G16B-S4E-PG21	M25 PG21	24120303 24120006	
	Hood_Top entry 	G16B-T4E-M25 G16B-T4E-PG21	M25 PG21	24120200 24120005	
Housing	Housing Bulkhead mounting 	G16B-NMS-2L With thermoplastic covers: G16B-NMS-2L-C		24121000 24121001	
	Housing Surface mounting 	G16B-MSH-2L-2M32 G16B-MSH-2L-2PG29 G16B-MSH-2L-2PG21 With thermoplastic covers: G16B-MSH-2L-2M32-C G16B-MSH-2L-2PG29-C G16B-MSH-2L-2PG21-C	2M32 2PG29 2PG21 2M32 2PG29 2PG21	24121100 24121101 24120007 24120008 24120009 24120010	
	Housing Surface mounting 	G16B-MS-2L-2M25 G16B-MS-2L-2PG21 With thermoplastic covers: G16B-MS-2L-2M25-C G16B-MS-2L-2PG21-C	2M25 2PG21 2M25 2PG21	24161400 24120014 24120015 24120016	
	Housing Cable to cable 	G16B-FC-1L-M25 G16B-FC-1L-PG21	M25 PG21	24121200 24120020	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

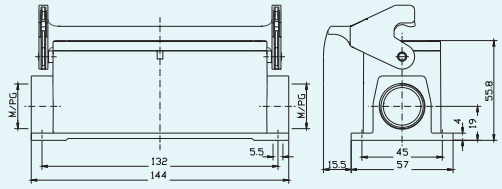
Housing		G16B-FCH-1L-M32 G16B-FCH-1L-PG29	M32 PG29	24120021 24120022	

G24B metal hoods,housings

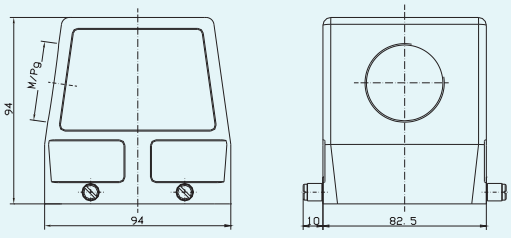
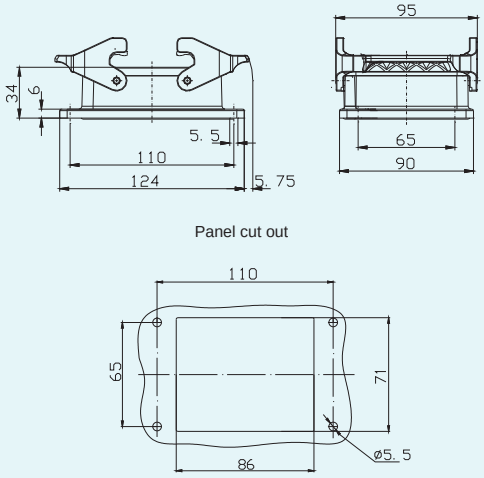
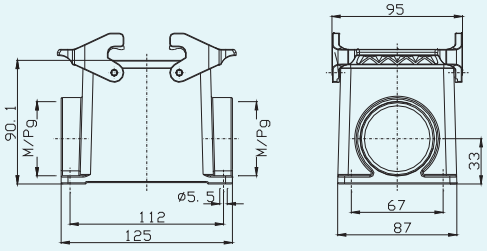
		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G24B-SH4E-M32 G24B-SH4E-PG29	M32 PG29	24130000 24130001	
	Hood_Side entry 	G24B-S4E-M25 G24B-S4E-PG21	M25 PG21	24130300 24130302	
	Hood_Side entry 	G24B-T4E-M25 G24B-T4E-PG21	M25 PG21	24130201 24130007	
Housing	Housing Bulkhead mounting 	G24B-NMS-2L With thermoplastic covers: G24B-NMS-2L-C		24131000 24131001	 Panel cut out 
	Housing Surface mounting 	G24B-MSH-2L-2M32 G24B-MSH-2L-2Pg29 G24B-MSH-2L-2Pg21 With thermoplastic covers: G24B-MSH-2L-2M32-C G24B-MSH-2L-2Pg29-C G24B-MSH-2L-2Pg21-C	2M32 2PG29 2PG21 2M32 2PG29 2PG21	24131100 24131101 24130009 24130013 24130011 24130012	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G24B metal hoods,housings

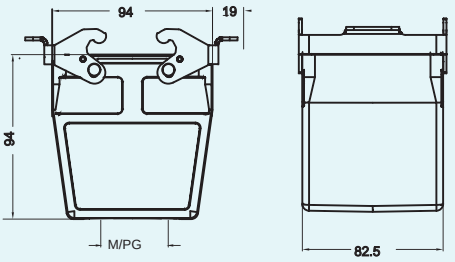
		Model	Thread spec.	Order No.	Drawing(mm)
Housing	Housing Surface mounting 	G24B-MS-2L-2M25 G24B-MS-2L-2PG21 With thermoplastic covers: G24B-MS-2L-2M25-C G24B-MS-2L-2PG21-C With metal covers : G24B-MS-2L-2M25-MC G24B-MS-2L-2PG21-MC	2M25 2PG21 2M25 2PG21 2M25 2PG21	24131500 24130016 24131508 24130018 24130019 24130020	

G32B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G32B-SH4E-M40 G32B-SH4E-Pg29	M40 PG29	24140000 24140001	
Housing	Housing Bulkhead mounting 	G32B-NMS-2L		24141000	
	Housing Surface mounting 	G32B-MSH-2L-2M40 G32B-MSH-2L-2M32 G32B-MSH-2L-2PG36	2M40 2M32 2PG36	24140504 24140503 24141101	

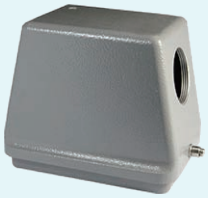
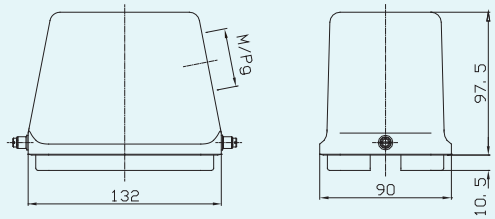
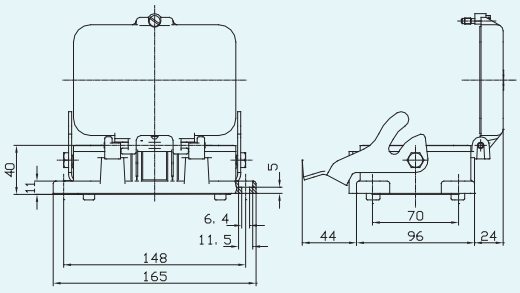
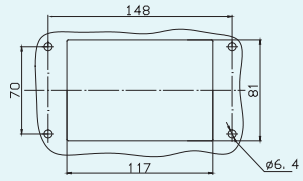
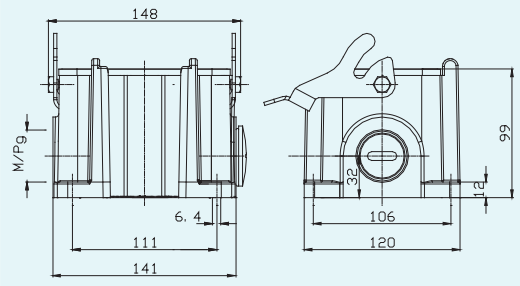
B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G32B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Housing	Housing Cable to cable 	G32B-FC-2L-M40 G32B-FC-2L-M32 G32B-FC-2L-PG42 G32B-FC-2L-PG36 G32B-FC-2L-PG29	M40 M32 PG42 PG36 PG29	24140505 24140506 24140507 24140508 24140509	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

G48B metal hoods,housings

		Model	Thread spec.	Order No.	Drawing(mm)
Hood	Hood_Side entry 	G48B-SH2E-M50 G48B-SH2E-M40 G48B-SH2E-M32 G48B-SH2E-PG42 G48B-SH2E-PG36 G48B-SH2E-PG29	M50 M40 M32 PG42 PG36 PG29	24150002 24150000 24150003 24150004 24150001 24150005	
Housing	Housing Surface mounting (With protection cover) 	G48B-NMS-1L With thermoplastic covers: G48B-NMS-1L-C		24151000 24152000	 Panel cut out 
	Housing Surface mounting 	G48B-MSH-2L-2M40 G48B-MSH-2L-2M32 G48B-MSH-2L-2PG36 G48B-MSH-2L-2PG29 With thermoplastic covers: G48B-MSH-2L-2M40-C G48B-MSH-2L-2M32-C G48B-MSH-2L-2PG36-C G48B-MSH-2L-2PG29-C	2M40 2M32 2PG36 2PG29 2M40 2M32 2PG36 2PG29	24151100 24150007 24151101 24150008 24150009 24150010 24150011 24150012	

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Cable entry protection
with metric cable entries (IP68)
metal



Thread spec.	Clamp range	SW	Order No.
M20A-M	5~9mm	22	25220000
M20B-M	6~12mm	22	25220001
M20C-M	10~14mm	24	25220002
M25A-M	9~16mm	30	25300000
M25B-M	13~18mm	30	25300001
M32A-M	13~20mm	40	25400000
M32B-M	18~25mm	40	25400001
M40A-M	20~26mm	50	25500000
M40B-M	22~32mm	50	25500001

Cable entry protection
thermoplastic



M20A-P	5~9mm	22	25221000
M20B-P	6~12mm	22	25221001
M20C-P	10~14mm	24	25241000
M25A-P	9~16mm	30	25301000
M25B-P	13~18mm	30	25301001
M32A-P	13~20mm	40	25401000
M32B-P	18~25mm	40	25401001
M40A-P	20~26mm	50	25501000
M40B-P	22~32mm	50	25501001

Blanking piece
metal



Type	Thread spec.	SW	Order No.
NP20-M	M20	20	25202000
NP25-M	M25	22	25222000
NP32-M	M32	24	25242000
NP40-M	M40	30	25302000

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Nylon quick screw connector



Material: Nylon
Color:grey(RAL 7037),black(RAL 9005)
Temperature range:-40℃~+115℃,
short term150℃
Protection degree:IP66
Flame-retardant: Self-extinguishing, free of halogen,phosphor and cadmium, passed RoHS.

Thread spec.	Clamp range	SW	Model	Order No.
M10×1.0	AD10.0	15.5	WQG1-M10B/AD10.0	25820015
M12×1.5	AD10.0	15.5	WQG1-M12B/AD10.0	25820016
M12×1.5	AD13.0	18	WQG1-M12B/AD13.0	25820017
M16×1.5	AD13.0	18	WQG1-M16B/AD13.0	25820018
M16×1.5	AD15.8	21	WQG1-M16B/AD15.8	25820019
M20×1.5	AD18.5	24	WQG1-M20B/AD18.5	25820020
M20×1.5	AD21.2	27	WQG1-M20B/AD21.2	25503001
M25×1.5	AD21.2	27	WQG1-M25B/AD21.2	25503003
M25×1.5	AD25.5	31	WQG1-M25B/AD25.5	25503000
M25×1.5	AD28.5	34	WQG1-M25B/AD28.5	25503005
M32×1.5	AD28.5	34	WQG1-M32B/AD28.5	25503002
M32×1.5	AD31.5	37	WQG1-M32B/AD31.5	25820026
M32×1.5	AD34.5	40	WQG1-M32B/AD34.5	25820027
M40×1.5	AD34.5	40	WQG1-M40B/AD34.5	25820028
M40×1.5	AD42.5	50	WQG1-M40B/AD42.5	25820029
M50×1.5	AD42.5	50	WQG1-M50B/AD42.5	25820030
M50×1.5	AD54.5	60	WQG1-M50B/AD54.5	25820031
M63×1.5	AD54.5	60	WQG1-M63B/AD54.5	25820032
PG7	AD10.0	15.5	WQG1-P07B	25820033
PG9	AD13.0	18	WQG1-P09B	25820034
PG11	AD15.8	21	WQG1-P11B	25820035
PG13.5	AD18.5	24	WQG1-P13.5B	25820036
PG16	AD21.2	27	WQG1-P16B	25820037
PG21	AD28.5	34	WQG1-P21B	25820038
PG29	AD34.5	40	WQG1-P29B	25820039
PG36	AD42.5	50	WQG1-P36B	25820040
PG42	AD54.5	60	WQG1-P42B	25820041
PG48	AD54.5	60	WQG1-P48B	25820042

PE screw



Size	Suitable serie	Order No.
M3.5	For GA serie	25800000
M4	For GE,GD-015,GD-025 serie	25800001
M5	For GK,GSB serie	25800002

Fixing screw



Size	Suitable serie	Order No.
M3	For all serie product	25801000

Contact screw



Size	Suitable serie	Order No.
M3	For GA-003、GA-004、GQ-005	25802000

Gasket
Material : NBR



Size	Type	Order No.
G3A	FSC-G3A	25810000
G10A	FSC-G10A	25810001
G16A	FSC-G16A	25810002
G32A	FSC-G32A	25810003
G6B	FSC-G6B	25810004
G10B	FSC-G10B	25810005
G16B	FSC-G16B	25810006
G24B	FSC-G24B	25810007
G32B	FSC-G32B	25810008

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Profile seal
Material : NBR



Size	Suitable serie	Order No.
G3A	MSC-G3A	25811000
G10A	MSC-G10A	25811001
G16A	MSC-G16A	25811002
G32A	MSC-G32A	25811009
G6B	MSC-G6B	25811010
G10B	MSC-G10B	25811005
G16B	MSC-G16B	25811006
G24B	MSC-G24B	25811007
G32B	MSC-G32B	25811008

Crimping tool



Wire guage	Type	Order No.
0.14-4mm^2	GL02	25250007
1.5-6mm^2	GL02-G	25820043

Removal tool for crimp contacts



Contact type	Type	Order No.
Crimp contact	GL00	25250006
Crimp contact	GL01	25250005

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Index

Type	Order No.	Page	Type	Order No.	Page
FSC-G10A	25810001	08.15	G24B-MSH-2L-2Pg29	24131101	10.11
FSC-G10B	25810005	08.15	G24B-NMS-2L	24131000	10.11
FSC-G16A	25810002	08.15	G24B-S4E-M25	24130300	10.11
FSC-G16B	25810006	08.15	G24B-SH4E-M32	24130000	10.11
FSC-G24B	25810007	08.15	G24B-SH4E-Pg29	24130001	10.11
FSC-G32A	25810003	08.15	G24B-T4E-M20	24130200	10.11
FSC-G32B	25810008	08.15	G2MEE-K020-P	21090056	08.22
FSC-G3A	25810000	08.15	G2MEE-K020-P	21090058	08.24
FSC-G6B	25810004	08.15	G2MEE-Z020-P	20090056	08.22
G10A-MSH-1L-2M20	24011100	10.03	G2MEE-Z020-P	20090058	08.24
G10A-MSH-1L-2M20-C	24010408	10.03	G2MK-K001.1	21090033	08.04
G10A-MSH-1L-2M20-MC	24010410	10.03	G2MK-K001.2	21090034	08.04
G10A-MSH-1L-2Pg16	24011101	10.03	G2MK-K001-P	21090035	08.05
G10A-MSH-1L-2Pg16-C	24010409	10.03	G2MK-K002.1	21090037	08.07
G10A-MSH-1L-2Pg16-MC	24010411	10.03	G2MK-K002.1	21090038	08.07
G10A-NMS-1L	24011000	10.03	G2MK-K002-P	21090039	08.08
G10A-NMS-1L-C	24010401	10.03	G2MK-Z001.1	20090033	08.04
G10A-NMS-1L-MC	24010407	10.03	G2MK-Z001.2	20090034	08.04
G10A-S2E-M25	24010300	10.02	G2MK-Z001-P	20090035	08.05
G10A-S2E-PG16	24010405	10.02	G2MK-Z002.1	20090037	08.07
G10A-SH2E-M25	24010000	10.02	G2MK-Z002.1	20090038	08.07
G10A-SH2E-Pg21	24010001	10.02	G2MK-Z002-P	20090039	08.08
G10A-T2E-M25	24010200	10.03	G2MVC-K002-P	21090051	08.17
G10A-T2E-Pg13.5	24010406	10.03	G2MVC-Z002-P	20090051	08.17
G10B-MS-2L-2M32	24111500	10.09	G32A-MSH-2L-2M25	24030006	10.05
G10B-MSH-2L-2M32	24111100	10.09	G32A-MSH-2L-2M32	24031100	10.05
G10B-MSH-2L-2Pg29	24111101	10.09	G32A-MSH-2L-2PG21	24030007	10.05
G10B-NMS-2L	24111000	10.09	G32A-MSH-2L-2Pg29	24031101	10.05
G10B-S4E-M25	24110300	10.09	G32A-NMS-2L	24031000	10.05
G10B-SH4E-M32	24110000	10.09	G32A-S4E-M32	24030300	10.05
G10B-SH4E-Pg29	24110001	10.09	G32A-S4E-PG21	24030002	10.05
G10B-T4E-M20	24110200	10.09	G32A-SH4E-M32	24030000	10.05
G16A-MSH-1L-2M20	24021100	10.04	G32A-SH4E-PG21	24030001	10.04
G16A-MSH-1L-2M20-C	24021101	10.04	G32A-SH4E-Pg29	24030001	10.05
G16A-MSH-1L-2M20-MC	24020313	10.04	G32A-TH4E-M25	24030003	10.05
G16A-MSH-1L-2M25	24021100	10.04	G32A-TH4E-M32	24030000	10.05
G16A-MSH-1L-2M25-C	24020310	10.04	G32A-TH4E-PG21	24030004	10.05
G16A-MSH-1L-2M25-MC	24020312	10.04	G32A-TH4E-PG29	24030005	10.05
G16A-MSH-1L-2Pg16	24021101	10.04	G32B-MSH-2L-2M40	24141100	10.12
G16A-MSH-1L-2PG16-C	24020311	10.04	G32B-MSH-2L-2Pg36	24141101	10.12
G16A-MSH-1L-2PG16-MC	24020314	10.04	G32B-NMS-2L	24141000	10.12
G16A-NMS-1L	24021000	10.04	G32B-SH4E-M40	24140000	10.12
G16A-NMS-1L-C	24021001	10.04	G32B-SH4E-Pg36	24140001	10.12
G16A-NMS-1L-MC	24020308	10.04	G3A-FC-1L-M20	24001200	10.02
G16A-S2E-M25	24020300	10.03	G3A-FC-1L-Pg11	24001201	10.02
G16A-S2E-PG21	24020304	10.03	G3A-MSS-1L-M16	24000105	10.02
G16A-SH2E-M25	24020000	10.03	G3A-MSS-1L-M20	24001400	10.02
G16A-SH2E-Pg16	24020303	10.03	G3A-MSS-1L-PG11	24000106	10.02
G16A-SH2E-Pg21	24020001	10.03	G3A-NMS-1L	24001000	10.01
G16A-T2E-M25	24020200	10.04	G3A-NMS-1L-C	24001001	10.01
G16A-T2E-Pg16	24020305	10.04	G3A-NMSS-1L	24001600	10.01
G16A-TH2E-PG16	24020306	10.04	G3A-PC	24001300	10.02
G16A-TH2E-PG21	24020307	10.04	G3A-PC	24001300	10.02
G16B-MS-2L-2M25	24121500	10.10	G3A-SH2E-M20	24000000	10.01
G16B-MSH-2L-2M32	24121100	10.10	G3A-SH2E-M20	24000000	10.02
G16B-MSH-2L-2Pg29	24121101	10.10	G3A-SH2E-Pg11	24000001	10.01
G16B-NMS-2L	24121000	10.10	G3A-SH2E-Pg11	24000001	10.02
G16B-S4E-M25	24120300	10.10	G3A-T2E-M20	24000100	10.01
G16B-SH4E-M32	24120000	10.09	G3A-T2E-M20	24000100	10.02
G16B-SH4E-Pg29	24120001	10.09	G3A-T2E-Pg11	24000101	10.01
G16B-T4E-M20	24120200	10.10	G3A-T2E-Pg11	24000101	10.02
G24B-MS-2L-2M25	24131400	10.12	G48B-MSH-2L-2M32	24150007	10.14
G24B-MSH-2L-2M32	24131100	10.11	G48B-MSH-2L-2M32-C	24150010	10.14

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Type	Order No.	Page	Type	Order No.	Page
G48B-MSH-2L-2M32-MC	24150014	10.14	G6B-SH2E-M32	24100021	10.06
G48B-MSH-2L-2M40	24151100	08.14	G6B-SH2E-Pg21	24100001	10.06
G48B-MSH-2L-2M40	24151100	10.14	G6B-SH2E-Pg21	24100001	10.06
G48B-MSH-2L-2M40-C	24150009	10.14	G6B-SH2E-PG21	24100022	10.06
G48B-MSH-2L-2M40-MC	24150013	10.14	G6B-T2E-M20	24100200	10.06
G48B-MSH-2L-2PG29	24150008	10.14	G6B-T2E-M20	24100200	10.06
G48B-MSH-2L-2PG29-C	24150012	10.14	G6B-T2E-PG13.5	24100026	10.06
G48B-MSH-2L-2PG29-MC	24150016	10.14	G6B-T2E-Pg16	24100201	10.06
G48B-MSH-2L-2Pg36	24151101	08.14	G6B-T2E-Pg16	24100201	10.06
G48B-MSH-2L-2Pg36	24151101	10.14	G6B-TH2E-M25	24100100	10.06
G48B-MSH-2L-2PG36-C	24150011	10.14	G6B-TH2E-M25	24100100	10.06
G48B-MSH-2L-2PG36-MC	24150015	10.14	G6B-TH2E-M32	24100025	10.06
G48B-NMS-1L-C	24151000	08.14	G6B-TH2E-Pg21	24100101	10.06
G48B-NMS-1L-C	24151000	10.14	G6B-TH2E-Pg21	24100101	10.06
G48B-NMS-1L-C	24152000	10.14	GA-K003-S	21000000	02.02
G48B-NMS-1L-MC	24150006	10.14	GA-K003-S	21000000	02.02
G48B-SH2E-M32	24150003	10.14	GA-K004-S	21000100	02.02
G48B-SH2E-M50	24150002	10.14	GA-K004-S	21000100	02.02
G48B-SH2E-PG29	24150005	10.14	GA-K010-P	21000601	02.03
G48B-SH2E-PG42	24150004	10.14	GA-K010-P	21000601	02.03
G48B-SH4E-M40	24150000	08.14	GA-K010-S	21000600	02.03
G48B-SH4E-M40	24150000	10.14	GA-K010-S	21000600	02.03
G48B-SH4E-Pg36	24150001	08.14	GA-K016-P	21000901	02.03
G48B-SH4E-Pg36	24150001	10.14	GA-K016-P	21000901	02.03
G6B-FC-1L-M20	24100046	10.07	GA-K016-S	21000900	02.03
G6B-FC-1L-PG13.5	24100047	10.07	GA-K016-S	21000900	02.03
G6B-FC-1L-PG16	24100048	10.07	GA-K032-P	21001301	02.04
G6B-FCH-1L-M25	24100049	10.07	GA-K032-P	21001301	02.04
G6B-FCH-1L-PG21	24100050	10.07	GA-K032-S	21001300	02.04
G6B-MS-1L-2M20	24100038	10.07	GA-K032-S	21001300	02.04
G6B-MS-1L-2M20-C	24100040	10.07	GA-Z003-S	20000000	02.02
G6B-MS-1L-2M20-MC	24100043	10.07	GA-Z003-S	20000000	02.02
G6B-MS-1L-2M25	24101500	10.07	GA-Z004-S	20000100	02.02
G6B-MS-1L-2M25	24101500	10.07	GA-Z004-S	20000100	02.02
G6B-MS-1L-2M25-C	24100041	10.07	GA-Z010-P	20000601	02.03
G6B-MS-1L-2M25-MC	24100044	10.07	GA-Z010-P	20000601	02.03
G6B-MS-1L-2PG16	24100039	10.07	GA-Z010-S	20000600	02.03
G6B-MS-1L-2PG16-C	24100042	10.07	GA-Z010-S	20000600	02.03
G6B-MS-1L-2PG16-MC	24100045	10.07	GA-Z016-P	20000901	02.03
G6B-MSH-1L-2M25	24101100	10.07	GA-Z016-P	20000901	02.03
G6B-MSH-1L-2M25	24101100	10.07	GA-Z016-S	20000900	02.03
G6B-MSH-1L-2M25	24100034	10.07	GA-Z016-S	20000900	02.03
G6B-MSH-1L-2M25-C	24100030	10.07	GA-Z032-P	20001301	02.04
G6B-MSH-1L-2M32	24100028	10.07	GA-Z032-P	20001301	02.04
G6B-MSH-1L-2M32	24100035	10.07	GA-Z032-S	20001300	02.04
G6B-MSH-1L-2M32-C	24100031	10.07	GA-Z032-S	20001300	02.04
G6B-MSH-1L-2Pg21	24101101	10.07	GC250-FC	21090071	09.06
G6B-MSH-1L-2Pg21	24101101	10.07	GC250-MC	20090071	09.06
G6B-MSH-1L-2PG21	24100036	10.07	GC350.120-F(95-120mm2)	21090073	09.10
G6B-MSH-1L-2PG21-C	24100032	10.07	GC350.120-M (95-120mm2)	20090073	09.10
G6B-MSH-1L-2PG29	24100029	10.07	GC350.70-F (35-70mm2)	21090072	09.10
G6B-MSH-1L-2PG29	24100037	10.07	GC350.70-M (35-70mm2)	20090072	09.10
G6B-MSH-1L-2PG29-C	24100033	10.07	GC350-FC	21090074	09.12
G6B-NMS-1L	24101000	10.06	GC350-MC	20090074	09.12
G6B-NMS-1L	24101000	10.06	GC650.120-F (70-120mm2)	21090075	09.20
G6B-NMS-1L-C	24101101	10.06	GC650.120-M (70-120mm2)	20090075	09.20
G6B-NMS-1L-MC	24100027	10.06	GC650.185-F(120-185mm2)	21090076	09.20
G6B-S2E-M20	24100300	10.06	GC650.185-M (120-185mm2)	20090076	09.20
G6B-S2E-M20	24100300	10.06	GC650-FC	21090077	09.22
G6B-S2E-PG13.5	24100023	10.06	GC650-MC	20090077	09.22
G6B-S2E-PG16	24100024	10.06	GCF-1.6	21090066	08.31
G6B-SH2E-M25	24100000	10.06	GCF-3.0	21090067	08.31
G6B-SH2E-M25	24100000	10.06	GCF-4.0	21090068	08.31

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Type	Order No.	Page	Type	Order No.	Page
GCF-6.0	21090064	08.30	GD-Z015-P	20010800	03.03
GCFS-1.6	21090079	08.31	GD-Z015-P	20010800	03.03
GCFS-3.0	21090080	08.31	GD-Z025-P	20011200	03.03
GCFS-4.0	21090081	08.31	GD-Z025-P	20011200	03.03
GCFS-6.0	21090082	08.30	GD-Z040-P	20011400	03.04
GCM-1.6	20090066	08.31	GD-Z040-P	20011400	03.04
GCM-3.0	20090067	08.31	GD-Z050-P	25810001	03.04
GCM-4.0	20090068	08.31	GD-Z064-P	25810005	03.05
GCM-6.0	20090064	08.30	GD-Z080-P	25810002	03.05
GC-RJ45-1.5(Cat.5e)	20090083	08.29	GD-Z128-P	25810006	03.06
GC-RJ45-10.0(Cat.5e	20090090	08.29	GEAV-K006	25810007	04.11
GC-RJ45-2.0(Cat.5e)	20090084	08.29	GEAV-K010	25810003	04.11
GC-RJ45-3.0(Cat.5e)	20090085	08.29	GEAV-K016	25810008	04.12
GC-RJ45-4.0(Cat.5e)	20090086	08.29	GEAV-K024	25810000	04.12
GC-RJ45-5.0(Cat.5e)	20090087	08.29	GEAV-K032	25810004	04.13
GC-RJ45-7.0(Cat.5e)	20090088	08.29	GEAV-K048	24011100	04.13
GC-RJ45-9.0(Cat.5e)	20090089	08.29	GEAV-Z006	24011101	04.11
GDD-K024-P	21021100	03.08	GEAV-Z010	24011000	04.11
GDD-K024-P	21021100	03.08	GEAV-Z016	24010300	04.12
GDD-K042-P	21021500	03.08	GEAV-Z024	24010000	04.12
GDD-K042-P	21021500	03.08	GEAV-Z032	24010001	04.13
GDD-K072-P	21022000	03.09	GEAV-Z048	24010200	04.13
GDD-K072-P	21022000	03.09	GEB-K006	21090007	04.24
GDD-K108-P	21022300	03.09	GEB-K010	21090008	04.24
GDD-K108-P	21022300	03.09	GEB-K016	21090009	04.25
GDD-K144-P	21022500	03.10	GEB-K024	21090010	04.25
GDD-K144-P	21022500	03.10	GEB-K032	21090011	04.26
GDD-K216-P	21022600	03.11	GEB-K048	21090012	04.26
GDD-K216-P	21022600	03.11	GEB-Z006	20090007	04.24
GDD-Z024-P	20021100	03.08	GEB-Z010	20090008	04.24
GDD-Z024-P	20021100	03.08	GEB-Z016	20090009	04.25
GDD-Z042-P	20021500	03.08	GEB-Z024	20090010	04.25
GDD-Z042-P	20021500	03.08	GEB-Z032	20090011	04.26
GDD-Z072-P	20022000	03.09	GEB-Z048	20090012	04.26
GDD-Z072-P	20022000	03.09	GE-E16	25820010	08.07
GDD-Z108-P	20022300	03.09	GEE-K010-P	24111500	04.15
GDD-Z108-P	20022300	03.09	GEE-K018-P	24111100	04.15
GDD-Z144-P	20022500	03.10	GEE-K032-P	24111101	04.16
GDD-Z144-P	20022500	03.10	GEE-K046-P	24111000	04.16
GDD-Z216-P	20022600	03.11	GEE-K064-P	24110300	04.17
GDD-Z216-P	20022600	03.11	GEE-K092-P	24110000	04.17
GD-K007-P	21010400	03.02	GEE-Z010-P	24110001	04.15
GD-K007-P	21010400	03.02	GEE-Z018-P	24110200	04.15
GD-K008-P	21010500	03.02	GEE-Z032-P	24021100	04.16
GD-K008-P	21010500	03.02	GEE-Z046-P	24021101	04.16
GD-K015-P	21010800	03.03	GEE-Z064-P	24021000	04.17
GD-K015-P	21010800	03.03	GEE-Z092-P	24020300	04.17
GD-K025-P	21011200	03.03	GE-K006-P	24020000	04.02
GD-K025-P	21011200	03.03	GE-K006-S	24020001	04.02
GD-K040-P	21011400	03.04	GE-K010-P	24020200	04.02
GD-K040-P	21011400	03.04	GE-K010-S	24121500	04.02
GD-K050-P	21011800	03.04	GE-K016-P	24121100	04.03
GD-K050-P	21011800	03.04	GE-K016-S	24121101	04.03
GD-K064-P	21011900	03.05	GE-K024-P	24121000	04.03
GD-K064-P	21011900	03.05	GE-K024-S	24120300	04.03
GD-K080-P	21012100	03.05	GE-K032-P	24120000	04.04
GD-K080-P	21012100	03.05	GE-K032-S	24120001	04.04
GD-K128-P	21012400	03.06	GE-K048-P	24120200	04.04
GD-K128-P	21012400	03.06	GE-K048-S	24131400	04.04
GD-Z007-P	20010400	03.02	GES-K006	24131100	04.05
GD-Z007-P	20010400	03.02	GES-K010	24131101	04.05
GD-Z008-P	20010500	03.02	GES-K016	24131000	04.06
GD-Z008-P	20010500	03.02	GES-K024	24130300	04.06

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Type	Order No.	Page	Type	Order No.	Page
GES-K032	24130000	04.07	GHSF250PE-35	25820013	09.06
GES-K048	24130001	04.07	GHSF350-120G	23120729	09.12
GESS-K006	24130200	04.08	GHSF350-35G	23120725	09.12
GESS-K010	24031100	04.08	GHSF350-50G	23120726	09.12
GESS-K016	24031101	04.09	GHSF350-70G	23120727	09.12
GESS-K024	24031000	04.09	GHSF350-95G	23120728	09.12
GESS-K032	24030300	04.10	GHSF650-240G	23120730	09.22
GESS-K048	24030000	04.10	GHSM250-35	22120722	09.06
GESS-Z006	24030001	04.11	GHSM250-50	22120723	09.06
GESS-Z010	24141100	04.11	GHSM250-70	22120724	09.06
GESS-Z016	24141101	04.12	GHSM250PE-35	25820012	09.06
GESS-Z024	24141000	04.12	GHSM350-120	22120729	09.12
GESS-Z032	24140000	04.13	GHSM350-35	22120725	09.12
GESS-Z048	24140001	04.13	GHSM350-50	22120726	09.12
GES-Z006	24001200	04.05	GHSM350-70	22120727	09.12
GES-Z010	24001201	04.05	GHSM350-95	22120728	09.12
GES-Z016	24001400	04.06	GHSM650-240	22120730	09.22
GES-Z024	24001000	04.06	GK-003/0-F	21090069	09.02
GES-Z032	24001600	04.07	GK-003/0-M	20090069	09.02
GES-Z048	20061702	04.07	GK-003/2-F	21090070	09.02
GE-Z006-P	20030301	04.02	GK-003/2-M	20090070	09.02
GE-Z006-S	20030300	04.02	GK-K004/0	21090014	06.06
GE-Z010-P	20030601	04.02	GK-K004/2	21090015	06.06
GE-Z010-S	20030600	04.02	GK-K004/8	21090016	06.08
GE-Z016-P	20030901	04.03	GK-K006.1/12	21090018	06.12
GE-Z016-S	20030900	04.03	GK-K006.2/12	21090019	06.12
GE-Z024-P	20031101	04.03	GK-K006/36	21090020	06.14
GE-Z024-S	20031100	04.03	GK-K006/6	21090021	06.16
GE-Z032-P	20031301	04.04	GK-K008/0	21090022	06.18
GE-Z032-S	20031300	04.04	GK-K008/24	21090013	06.04
GE-Z048-P	20031701	04.04	GK-K012-P	21060700	06.02
GE-Z048-S	20031700	04.04	GK-Z004/0	20090014	06.06
GF10A	20090082	08.03	GK-Z004/2	20090015	06.06
GF10B-NLA3	21090030	08.01	GK-Z004/8	20090016	06.08
GF10B-NUA3	20090030	08.01	GK-Z006.1/12	20090018	06.12
GF16B-002C	24120025	09.13	GK-Z006.2/12	20090019	06.12
GF16B-002C	24120029	09.16	GK-Z006/36	20090020	06.14
GF16B-NLA3	21090031	08.01	GK-Z006/6	20090021	06.16
GF16B-NUA3	20090031	08.01	GK-Z008/0	20090022	06.18
GF24B/H-BK-SE-2H-3M25	24130085	09.15	GK-Z008/24	20090013	06.04
GF24B/H-BK-SE-2T-3M25	24130086	09.15	GK-Z012-P	20060700	06.02
GF24B/H-BK-SE-4H-3M25	24130096	09.18	GL00	25820003	11.04
GF24B-002C	24130075	09.14	GL01	25250005	11.04
GF24B-002C	24130089	09.17	GL02	25820004	11.04
GF24B-002R	24130099	09.23	GL02-0G	25820044	08.17
GF24B-002R	24130103	09.24	GL02-3G	25820045	08.17
GF24B-003C	24130080	09.15	GL02-G	25820043	11.04
GF24B-003C	24130093	09.18	GL05	25820014	09.06
GF24B-004A-F	24130063	09.07	GM000	20090078	08.03
GF24B-004A-F	24130106	09.08	GM-CP1	20090079	08.03
GF24B-004A-M	24130062	09.07	GM-CP2	20090080	08.03
GF24B-004A-M	24130105	09.08	GM-CP3	20090081	08.03
GF24B-NLA3	21090032	08.01	GMD-K012-P	21090057	08.23
GF24B-NUA3	20090032	08.01	GMDS-K009-P	21090059	08.25
GF6B-001C	24100006	09.13	GMDS-K025-P	21090060	08.26
GF6B-001C	24100011	09.16	GMDS-Z009-P	20090059	08.25
GF6B-001R	24100015	09.23	GMDS-Z025-P	20090060	08.26
GF6B-001R	24100019	09.24	GMD-Z012-P	20090057	08.23
GF6B-NLA3	21090029	08.01	GMEE-K008-P	21090055	08.21
GF6B-NUA3	20090029	08.01	GMEE-Z008-P	20090055	08.21
GHSF250-35G	23120722	09.06	GME-K005	21090052	08.18
GHSF250-50G	23120723	09.06	GME-K006-P	21090053	08.19
GHSF250-70G	23120724	09.06	GME-Z005	20090052	08.18

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Index

Type	Order No.	Page	Type	Order No.	Page
GME-Z006-P	20090053	08.19	GP24B/H-BK-SE-2T-3M25M20	24130035	09.03
GMK70-K002.1	21090040	08.09	GP24B/H-BK-SE-2T-4M20	24130058	09.07
GMK70-K002.2	21090041	08.09	GP24B/H-BK-SE-2T-4M25	24130059	09.07
GMK70-K002-P	21090042	08.10	GP24B/H-BK-SE-2T-M50	24130036	09.03
GMK70-Z002.1	20090040	08.09	GP24B/H-BK-SE-4H-3M25	24130044	09.04
GMK70-Z002.2	20090041	08.09	GP24B/H-BK-SE-4H-3M25M20	24130045	09.04
GMK70-Z002-P	20090042	08.10	GP24B/H-BK-SE-4H-4M20	24130068	09.08
GMK-K001-P	21090036	08.06	GP24B/H-BK-SE-4H-4M25	24130069	09.08
GMK-K002.1	21090043	08.11	GP24B/H-BK-SE-4H-M50	24130046	09.04
GMK-K002.2	21090044	08.11	GP24B/H-SFH-2H-3M25	24130027	09.03
GMK-K002-P	21090045	08.12	GP24B/H-SFH-2H-3M25	24130083	09.15
GMK-K003.1	21090046	08.13	GP24B/H-SFH-2H-3M25M20	24130028	09.03
GMK-K003.2	21090047	08.13	GP24B/H-SFH-2H-4M20	24130052	09.07
GMK-K003/4-P	21090049	08.15	GP24B/H-SFH-2H-4M25	24130053	09.07
GMK-K003-P	21090048	08.14	GP24B/H-SFH-2T-3M25	24130029	09.03
GMK-K004-P	21090050	08.16	GP24B/H-SFH-2T-3M25	24130084	09.15
GMK-Z001-P	20090036	08.06	GP24B/H-SFH-2T-3M25M20	24130030	09.03
GMK-Z002.1	20090043	08.11	GP24B/H-SFH-2T-4M20	24130054	09.07
GMK-Z002.2	20090044	08.11	GP24B/H-SFH-2T-4M25	24130055	09.07
GMK-Z002-P	20090045	08.12	GP24B/H-SFH-4H-3M25	24130042	09.04
GMK-Z003.1	20090046	08.13	GP24B/H-SFH-4H-3M25	24130095	09.18
GMK-Z003.2	20090047	08.13	GP24B/H-SFH-4H-3M25M20	24130043	09.04
GMK-Z003/4-P	20090049	08.15	GP24B/H-SFH-4H-4M20	24130066	09.08
GMK-Z003-P	20090048	08.14	GP24B/H-SFH-4H-4M25	24130067	09.08
GMK-Z004-P	20090050	08.16	GP24B/H-TEH-2S-2M25	24130071	09.14
GMP-002	20090091	08.30	GP24B/H-TEH-2S-2M32	24130072	09.14
GMP-003	20090065	08.31	GP24B/H-TEH-2S-2M40B	24130097	09.23
GM-RJ45-APT	20090063	08.28	GP24B/H-TEH-2S-3M25	24130021	09.03
GM-RJ45-F	21090062	08.28	GP24B/H-TEH-2S-3M25	24130078	09.15
GM-RJ45-M	20090062	08.28	GP24B/H-TEH-2S-3M25M20	24130022	09.03
GM-USB-F	21090061	08.27	GP24B/H-TEH-2S-4M20	24130048	09.07
GM-USB-M	20090061	08.27	GP24B/H-TEH-2S-4M25	24130049	09.07
GODE-Q12	25820009	07.10	GP24B/H-TEH-2S-M63	24130025	09.03
GODE-Q2	25820006	07.04	GP24B/H-TEH-2T-2M25	24130073	09.14
GODE-Q7F	25820008	07.08	GP24B/H-TEH-2T-2M32	24130074	09.14
GODE-Q7M	25820007	07.08	GP24B/H-TEH-2T-2M40B	24130098	09.23
GP16B/H-BK-2H	24120026	09.13	GP24B/H-TEH-2T-3M25	24130023	09.03
GP16B/H-BK-2T	24120027	09.13	GP24B/H-TEH-2T-3M25	24130079	09.15
GP16B/H-BK-4H	24120030	09.16	GP24B/H-TEH-2T-3M25M20	24130024	09.03
GP16B/H-TEH-2S-2M25	24120023	09.13	GP24B/H-TEH-2T-4M20	24130050	09.07
GP16B/H-TEH-2T-2M25	24120024	09.13	GP24B/H-TEH-2T-4M25	24130051	09.07
GP16B/H-TEH-4S-2M25	24120028	09.16	GP24B/H-TEH-2T-M63	24130026	09.03
GP24B/H-BK-2H	24130037	09.03	GP24B/H-TEH-4S-2M25	24130087	09.17
GP24B/H-BK-2H	24130060	09.07	GP24B/H-TEH-4S-2M32	24130088	09.17
GP24B/H-BK-2H	24130076	09.14	GP24B/H-TEH-4S-2M40B	24130102	09.24
GP24B/H-BK-2H	24130081	09.15	GP24B/H-TEH-4S-3M25	24130039	09.04
GP24B/H-BK-2H	24130100	09.23	GP24B/H-TEH-4S-3M25	24130091	09.18
GP24B/H-BK-2T	24130038	09.03	GP24B/H-TEH-4S-3M25M20	24130040	09.04
GP24B/H-BK-2T	24130061	09.07	GP24B/H-TEH-4S-4M20	24130064	09.08
GP24B/H-BK-2T	24130077	09.14	GP24B/H-TEH-4S-4M25	24130065	09.08
GP24B/H-BK-2T	24130082	09.15	GP24B/H-TEH-4S-M63	24130041	09.04
GP24B/H-BK-2T	24130101	09.23	GP24B/H-TEHH-4S-3M32	24130092	09.18
GP24B/H-BK-4H	24130047	09.04	GP6B/H-BK-2H	24100007	09.13
GP24B/H-BK-4H	24130070	09.08	GP6B/H-BK-2T	24100008	09.13
GP24B/H-BK-4H	24130090	09.17	GP6B/H-BK-4H	24100012	09.16
GP24B/H-BK-4H	24130094	09.18	GP6B/H-BK-4H	24100020	09.24
GP24B/H-BK-4H	24130104	09.24	GP6B/H-BKH-2H	24100016	09.23
GP24B/H-BK-SE-2H-3M25	24130031	09.03	GP6B/H-BKH-2T	24100017	09.23
GP24B/H-BK-SE-2H-3M25M20	24130032	09.03	GP6B/H-TEH-2S-M25	24100002	09.13
GP24B/H-BK-SE-2H-4M20	24130056	09.07	GP6B/H-TEH-2S-M32	24100003	09.13
GP24B/H-BK-SE-2H-4M25	24130057	09.07	GP6B/H-TEH-2S-M40B	24100013	09.23
GP24B/H-BK-SE-2H-M50	24130033	09.03	GP6B/H-TEH-2T-M25	24100004	09.13
GP24B/H-BK-SE-2T-3M25	24130034	09.03	GP6B/H-TEH-2T-M32	24100005	09.13

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Type	Order No.	Page	Type	Order No.	Page
GP6B/H-TEH-2T-M40B	24100014	09.23	K-S0.82/S	23120717	08.25
GP6B/H-TEH-4S-M25	24100009	09.16	K-S1.5/A	23000400	04.01
GP6B/H-TEH-4S-M32	24100010	09.16	K-S1.5/C	23120709	08.12
GP6B/H-TEH-4S-M40	24100018	09.24	K-S1.5/D	23010400	03.01
GQ-K002.1	21090023	07.04	K-S1.5/K	23030400	06.02
GQ-K002.2	21090024	07.04	K-S1/A	23000300	04.01
GQ-K005-P	21070200	07.02	K-S1/D	23010300	03.01
GQ-K007-P	21090027	07.08	K-S10.0/C	23120713	08.12
GQ-K012-P	21090028	07.10	K-S10/K	23120705	08.06
GQV-K002.1	21090025	07.06	K-S16/K	23120706	08.06
GQV-K002.2	21090026	07.06	K-S2.5/A	23000500	04.01
GQV-Z002.1	20090025	07.06	K-S2.5/C	23120710	08.12
GQV-Z002.2	20090026	07.06	K-S2.5/D	23010500	03.01
GQ-Z002.1	20090023	07.04	K-S2.5/K	23030500	06.02
GQ-Z002.2	20090024	07.04	K-S25/H	23120701	08.05
GQ-Z005-P	20070200	07.02	K-S25/K	23120707	08.06
GQ-Z007-P	20090027	07.08	K-S3/A	23000600	04.01
GQ-Z012-P	20090028	07.10	K-S35/H	23120702	08.05
GSB-K006-S	21050300	05.02	K-S35/K	23120708	08.06
GSB-K012-S	21090001	05.02	K-S4.0/C	23120711	08.12
GSB-Z006-S	20050300	05.02	K-S4/A	23000700	04.01
GSB-Z012-S	20090001	05.02	K-S4/K	23030700	06.02
GVES-K003	21090002	04.20	K-S50/H	23120703	08.05
GVES-K006	21090003	04.20	K-S6.0/C	23120712	08.12
GVES-K010	21090004	04.21	K-S6/K	23030800	06.02
GVES-K012	21090005	04.22	K-S70/H	23120704	08.05
GVES-K020	21090006	04.23	MSC-G10A	25811001	08.16
GVES-Z003	20090002	04.20	MSC-G10B	25811005	08.16
GVES-Z006	20090003	04.20	MSC-G16A	25811002	08.16
GVES-Z010	20090004	04.21	MSC-G16B	25811006	08.16
GVES-Z012	20090005	04.22	MSC-G24B	25811007	08.16
GVES-Z020	20090006	04.23	MSC-G32A	25811003	08.16
GVME-K005-P	21090054	08.20	MSC-G32B	25811008	08.16
GVME-Z006-P	20090054	08.20	MSC-G3A	25811000	08.16
GW-2x40	25820011	08.11	MSC-G6B	25811004	08.16
GW-4x100	25820005	06.16	WQG1-M10B/AD10.0	25820015	11.02
GWK-K006/6	21090017	06.10	WQG1-M12B/AD10.0	25820016	11.02
GWK-Z006/6	20090017	06.10	WQG1-M12B/AD13.0	25820017	11.02
K-G0.25/S	23120718	08.25	WQG1-M16B/AD13.0	25820018	11.02
K-G0.33/S	23120719	08.25	WQG1-M16B/AD15.8	25820019	11.02
K-G0.37/D	23110000	03.01	WQG1-M20B/AD18.5	25820020	11.02
K-G0.5/A	23100100	04.01	WQG1-M20B/AD21.2	25820021	11.02
K-G0.5/D	23110100	03.01	WQG1-M25B/AD21.2	25820022	11.02
K-G0.52/S	23120720	08.25	WQG1-M25B/AD25.5	25820023	11.02
K-G0.75/A	23100200	04.01	WQG1-M25B/AD28.5	25820024	11.02
K-G0.75/D	23110200	03.01	WQG1-M32B/AD28.5	25820025	11.02
K-G0.82/S	23120721	08.25	WQG1-M32B/AD31.5	25820026	11.02
K-G1.5/A	23100400	04.01	WQG1-M32B/AD34.5	25820027	11.02
K-G1.5/D	23110400	03.01	WQG1-M40B/AD34.5	25820028	11.02
K-G1/A	23100300	04.01	WQG1-M40B/AD42.5	25820029	11.02
K-G1/D	23110300	03.01	WQG1-M50B/AD42.5	25820030	11.02
K-G2.5/A	23100500	04.01	WQG1-M50B/AD54.5	25820031	11.02
K-G2.5/D	23110500	03.01	WQG1-M63B/AD54.5	25820032	11.02
K-G3/A	23100600	04.01	WQG1-P07B	25820033	11.02
K-G4/A	23100700	04.01	WQG1-P09B	25820034	11.02
K-S0.25/S	23120714	08.25	WQG1-P11B	25820035	11.02
K-S0.33/S	23120715	08.25	WQG1-P13.5B	25820036	11.02
K-S0.37/D	23010000	03.01	WQG1-P16B	25820037	11.02
K-S0.5/A	23000100	04.01	WQG1-P21B	25820038	11.02
K-S0.5/D	23010100	03.01	WQG1-P29B	25820039	11.02
K-S0.52/S	23120716	08.25	WQG1-P36B	25820040	11.02
K-S0.75/A	23000200	04.01	WQG1-P42B	25820041	11.02
K-S0.75/D	23010200	03.01	WQG1-P48B	25820042	11.02

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

Index

Type	Order No.	Page	Type	Order No.	Page
Z-G0.25/S	22120718	08.25	M25A-M	25240000	11.01
Z-G0.33/S	22120719	08.25	M25B-M	25300000	11.01
Z-G0.37/D	22110000	03.01	M32A-M	25400000	11.01
Z-G0.5/A	22100100	04.01	M32B-M	25400001	11.01
Z-G0.5/D	22110100	03.01	M40A-M	25500000	11.01
Z-G0.52/S	22120720	08.25	M40B-M	25500001	11.01
Z-G0.75/A	22100200	04.01	M20A-P	25221000	11.01
Z-G0.75/D	22110200	03.01	M20B-P	25221001	11.01
Z-G0.82/S	22120721	08.25	M20C-P	25241000	11.01
Z-G1.5/A	22100400	04.01	M25A-P	25301000	11.01
Z-G1.5/D	22110400	03.01	M25B-P	25301001	11.01
Z-G1/A	22100300	04.01	M32A-P	25401000	11.01
Z-G1/D	22110300	03.01	M32B-P	25401001	11.01
Z-G2.5/A	22100500	04.01	M40A-P	25501000	11.01
Z-G2.5/D	22110500	03.01	M40B-P	25501001	11.01
Z-G3/A	22100600	04.01			
Z-G4/A	22100700	04.01			
Z-S0.25/S	22120714	08.25			
Z-S0.33/S	22120715	08.25			
Z-S0.37/D	22010000	03.01			
Z-S0.5/A	22000100	04.01			
Z-S0.5/D	22010100	03.01			
Z-S0.52/S	22120716	08.25			
Z-S0.75/A	22000200	04.01			
Z-S0.75/D	22010200	03.01			
Z-S0.82/S	22120717	08.25			
Z-S1.5/A	22000300	04.01			
Z-S1.5/C	22120709	08.12			
Z-S1.5/D	22000400	03.01			
Z-S1.5/K	22000500	06.02			
Z-S1/A	22000600	04.01			
Z-S1/D	22000700	03.01			
Z-S10.0/C	22120713	08.12			
Z-S10/K	22120705	08.06			
Z-S16/K	22120706	08.06			
Z-S2.5/A	22010300	04.01			
Z-S2.5/C	22120710	08.12			
Z-S2.5/D	22010400	03.01			
Z-S2.5/K	22010500	06.02			
Z-S25/H	22120701	08.05			
Z-S25/K	22120707	08.06			
Z-S3/A	22030400	04.01			
Z-S35/H	22120702	08.05			
Z-S35/K	22120708	08.06			
Z-S4.0/C	22120711	08.12			
Z-S4/A	22030500	04.01			
Z-S4/K	22030700	06.02			
Z-S50/H	22120703	08.05			
Z-S6.0/C	22120712	08.12			
Z-S6/K	22030800	06.02			
Z-S70/H	22120704	08.05			
NP20-M	25202000	11.01			
NP25-M	25222000	11.01			
NP32-M	25242000	11.01			
NP40-M	25302000	11.01			
Fixed bolt M3	25801000	11.03			
Contact bolt M3	25802000	11.03			
Grounding bolt M3.5	25800000	11.03			
Grounding bolt M4	25800001	11.03			
Grounding bolt M5	25800002	11.03			
M20A-M	25220000	11.01			
M20B-M	25220001	11.01			
M20C-M	25220002	11.01			

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

B.C.E. ELECTRONICS
Importation & Distribution
Electronic Components

B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

SYSTEM CERTIFICATION
ISO 9001
SGS
ISO 9001:2008