

Amphenol Sine Systems

Amphenol Sine Systems' Distributed Power & Control interconnect products provide you increased options for Power, Control and Communication connectivity on a 'plug and play' basis. Modular, crush-resistant, factory-molded connectors eliminate the need for hard-wired or traditional conduit installations. The strength of our interconnect systems are their simplicity. Standardization of these systems offer reduced installation, start-up and service time during routine maintenance. With the creation of these products, the reliability and performance associated with Amphenol's industrial products continues to grow and help your bottom line.

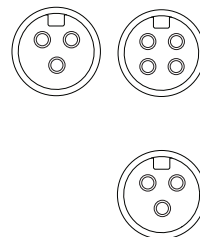
- Simple 'Plug and Play' Designs
- No Tooling Required
- Pipe and Wire is ELIMINATED
- Eliminates Need for Trays/Raceway
- Significant Cost Savings
- Easily Scalable and Modular
- Ideal for conveyor systems and many other types of Factory Automation applications.



Power BOSS lite™

Amperage
30A, 25A

3 pole: 30A, 600VAC, 10/14AWG
 4 pole: 25A, 600VAC, 10/14AWG
 UL Type TC-ER/STOOW, CSA STOOW
 High Flex and/or Shielded available
 FT-2 Flame Rating / RoHS Compliant
 Temp Rating: +105°C / UL2237
 Cables, Tee's, Receptacles:
 Short Circuit Rating of 65kA



Power BOSS™ M40

featuring CHECK MATE™

Amperage
35A, 25A

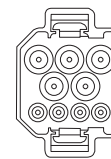
4C (8 or 10)AWG X 1 Shielded 14AWG Pair
 8AWG: Power 35A, Signal 5A, 600V
 10AWG: Power 25A, Signal 5A, 600V (High Flex avail.)
 UL Type TC-ER/STOOW, CSA or c(UL) STOOW
 FT-2 Flame Rating / RoHS Compliant
 Temp Rating: +105°C / UL2237 Listed
 Cables, Tee's, Receptacles:
 Short Circuit Rating of 65kA



Power BOSS™

Amperage
40A

3 phase + GRD + Shield + 4 relay contacts
 9 pin: 40A, 600V, 8/10/12AWG
 UL Type TC-ER, CSA AWM I/II A/B, FT-4 Flame Rating
 UL and CSA Listed / IP65 Rating
 High Flex and/or Shielded available
 Temp Rating: -40°C to +125°C
 Cables, Tee's, Receptacles:
 Short Circuit Rating of 5kA (w/ 30A breaker)
 Short Circuit Rating of 100kA (w/ CC Class fuse)



We are **Amphenol Sine Systems.**

Standard products.

Custom Solutions.

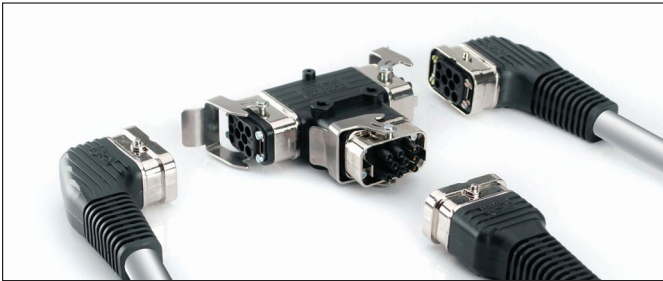
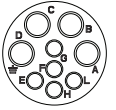


RT360™

Circular Connectors

Amperage
12A, 5A

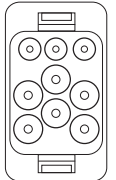
4C 13AWG X 5C 18AWG Shielded (1 pair & 1 triad)
9 pin High Flex Hybrid Cable: 600V
Power 12A, Signal 5A
UL Type TC-ER, CSA AWM I/II A/B, FT-4 Flame Rating
RoHS Compliant / UL2237 Listed / Temp Rating: +90°C
Cables, Tee's, Receptacles:
Short Circuit Rating of 45kA



ControlBOSS™

Amperage
15A, 2A

DeviceNet + Auxilliary Power
9 pin: 600V, 14/18AWG
Power 15A at 40°C, Signal 2A at 40°C
UL Type TC-ER 600V Class I
UL and CSA Pending / IP65 Rating
Temp Rating: -40°C to +125°C



Additional Options




NFPA-79 (National Fire Protection Association) allows conduit-free, modular, soft-wired systems for industrial machinery.

In addition to all the certifications and ratings listed on the front page, all of these systems are fully compliant with the NFPA-79 standard for power distribution within industrial machinery and coordination of multiple machines. NFPA-79 includes all electrical and electronic elements of the machinery operating at 600V or less: **machine tools, injection molding machines, woodworking equipment, assembling machinery, material handling machinery, inspection and testing machines.** For more information, refer to www.nfpa.org.


Proven Global Architecture

Amphenol Sine Systems' Distributed Power and Control products have been installed on a global level. Our architecture is operating in North and South America, Africa, Europe and Asia.





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