

# Amphenol LTW New Push-Lock Connector Series - Q8

Amphenol LTW introduces its brand new Q8 push-lock connector series for your space-constraint applications. With audible feedback and guided key design, this Q8 Series ensures error-proof and easy assembly for blind mating. A simple quick and safe release to save you time and cost, with just a small pull force.

Designed to meet IP68 waterproof protection and rated to UL-F1 UV resistance, these connectors are fit for use to either indoor or outdoor wet locations and are UL2238 and UL50e compliant to achieve highest safety standard.

The Q8 connector series is rated up to 5A for both Low Voltage Power and Data transmissions. The product range includes 2 to 6 contact configuration and Hybrid (Power + Data) solution to suit your variable requirements



## Applications :



LED Lighting



Communication Systems



IP CCTV & Security



Industrial Automation



Electric Vehicle

## Specifications :

General Characteristics		Technical Characteristics - Mechanical	
Current Rating	2A, 5A, 5A+2A	Mating Force	5 Kgf Max.
Voltage Rating	<ul style="list-style-type: none"> <li>• 2A: 60 Vdc</li> <li>• 5A: 277 Vac / Vdc</li> <li>• 5A+2A: 5A, 277 Vac &amp; 2A, 60 Vdc</li> </ul>	Unmating Force	3 Kgf Max.
Durability	2,000 cycles	Tensile strength	10 kgf Min.
Waterproof Rating	IP 68 (Mated, 1M/24 Hours)	Material Specification	
Operating Temperature	-30 ~ +105 °C (UL Rating : -30 ~ +90 °C)	Housing	High-temperature thermoplastic
		Terminal	Copper Alloy, Gold Plated.
		Gasket & O - ring	Rubber
		UV Resistant	f1 material
Technical Characteristics - Electrical		Environmental Conditions and Performance	
Contact Resistance	10 mΩ max.	Salt Spray	500 hours
Insulation Resistance	100 MΩ Min.		
<b>Safety Compliance</b>	UL 2238 ( Outdoor Use, UL 50e)		In Process

For more information, please contact:



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**Innovation in Waterproof Solution**

\* Design and specifications are subject to change without notice.