

## Amphenol LTW HS-Lok Series New Push-Lock Connector

Amphenol LTW introduces its brand new HS-Lok series for your space-constraint applications. With audible feedback and guided key design, this HS-Lok 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 the highest safety standard.



The Q8 size of HS-Lok series is rated up to 5A for both Low Voltage Power and Data transmissions. The product range includes 2 to 6 contact configurations 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	2A: 100Vdc 5A: 300Vac/Vdc 5A+2A: 5A, 300Vac; 2A, 100Vdc	Unmating Force	3 kgf Max.
Durability	2,000 cycles	Tensile Strength	10 kgf
Waterproof Rating	IP68 (Mated, 1M/24 hours)	Material Specification	
Temperature Range	-40°C~105°C	Housing	Thermoplastic
Safety Compliance	UL2238 (Outdoor Use, UL50e)	Contacts	Copper Alloy, Gold Plated
Technical Characteristics - Electrical		Gasket & O-ring	Rubber
Contact Resistance	10 mΩ Max.	UV Resistance	UL746C compliance, f1
Insulation Resistance	100 MΩ Min.	Environmental Conditions and Performance	
		Salt Spray	500 hours

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