

Amphenol LTW X-Lok IP68 Field Installable/Serviceable



Amphenol LTW (ALTW) extends its X-Lok product series portfolio with its new crimp termination field installable, satisfying your on-site installation needs. With the push lock mechanism, the X-Lok field installable provides you with blind mating for a quick and easy installation. To meet high industrial standards, the X-Lok field installable uses UL94V-0 & UL-f1 rated thermoplastic materials to provide flammability and UV exposure protection. It is also compliant with UL1977 to offer you safe and stable performance in data and power transmission.

ALTW X-Lok series is now available with panel mounted receptacles, overmolded cable assemblies and field installable connectors, available in different sizes and pin configurations, providing the right solution for your various interconnection requirements.

Product Features :

UL94V-0 & UL-f1 Rated Thermoplastic Materials

- Excellent performance under harsh environmental conditions

Hexagonal Nut

- Easy-grip design
- High tensile strength

Contact with Locking Lances

- Audible feedback for terminal position assurance and connector reliability

Push-Lock Mechanism

- Audible feedback for terminal position assurance and connector reliability

Seal

- Anti-drop design
- High waterproof capability (IP68)
- Color identification for different seals
- Accommodate a wide range of wire and cable's OD

Innovation in Waterproof Solution

* Design and specifications are subject to change without notice.

Applications :



Marine Electronics /
Cruise / Shipyards



LED Lighting



Renewable Energy



IP CCTV & Security



Industrial Automation /
Factory Automation



Outdoor Broadband
Wireless Access



MRT



Aerospace / Automotive /
Commercial Vehicles

and more ...

Product Features :

General Characteristics	
Current Rating	5A, 10A, 20A
Voltage Rating	300 Vac/dc
Durability	1,000 cycles
Waterproof Rating	IP68 (1m/24 hours)
Operation Temperature	-40°C to 105°C
Material Specification	
Housing	Thermoplastic, UL94V-0, Black
Terminal	Copper Alloy, Gold Plated
Seal & O-ring	Rubber, UL94V-0
UV Resistant	UL 746C, f1
Safety Compliance	
Power/Data Group	UL 1977

Technical Characteristics – Electrical	
Low Level Contact Resistance	≤ 10 mΩ
Dielectric Withstand Voltage	1,600 Vac
Insulation Resistance	≥ 100 MΩ at DC 500V
Technical Characteristics – Mechanical	
Connector Mating Force	B/C/D Size: 4.5/5.5/7.0 kgf Max.
Connector Unmating Force	B/C/D Size: 2.5/3.0/4.0 kgf Min.
Vibration	10 ~ 55Hz
Environmental Conditions and Performance	
Salt Spray	1,000 hours, mated
Detailed applicable wire specifications may vary depending on the actual wire construction.	

For more information, please contact:
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