

## X-Lok Series – Hybrid Selections

### B Size



Power 5A



Data 5A/10A



Hybrid 10A+5A

### C Size



Power 20A



Data 5A/10A



Hybrid 10A+5A

### D Size



Power 20A



Data 5A



Hybrid 20A+5A

Amphenol LTW X-Lok series extends its product portfolio with Hybrid Connector, combining data and power transmission in a single connector. Designed with all known advantages of the Push-Lock mechanism, the X-Lok series provides you the best blind mating practice for a quick and easy installation. With the premiere sealing elements, the X-Lok series is available with an IP68 rating in harsh environments.

The X-Lok Hybrid selections include the large variety of receptacles and cable assemblies with different connector sizes and pin configurations. Many other options are available upon request. Customization is welcome.

### Applications :

- LED Lighting
- Renewable Energy
- IP CCTV & Security
- Broadband Wireless Access
- Marine
- Agriculture & Data Acquisition

### Specifications :

General Characteristics		Technical Characteristics – Mechanical	
Current Rating	5A, 10A, 20A	Mating Force	B/C/D Size: 4.5/5.5/7.0 Max.
Voltage Rating	Power/Data Group: 300Vac/Vdc Hybrid Group: 300+100Vac/Vdc	Unmating Force	B/C/D Size: 2.5/3.0/4.0 Min.
Durability	1000 cycles	Free Fall	20 drops from 1,000 mm
Waterproof Rating	Receptacle: IP68, Unmated Overmolded with Cable: IP68, Mated	Crushing Test	75 lbf/1 minute
Temperature Range	Receptacle: -40°C~105°C Overmolded with Cable: • Data Group: -20°C~80°C • Power Group: -20°C~105°C • Hybrid Group: -20°C~105°C	Technical Characteristics – Electrical	
<b>Material Specification</b>		Contact Resistance	≤ 10mΩ
Housing	Thermoplastic, UL94V-0, Black	Insulation Resistance	≥ 100MΩ at DC 500V
Terminal	Copper Alloy, Gold Plated	Environmental Conditions and Performance	
Gasket & O-ring	Rubber, UL94V-0, Gray	Damp Heat, Cyclic	85°C and 85% RH for 500 hours
UV Resistance	UL 746C compliance, f1	Salt Spray	48 hours
		Safety Compliance	
		Power/Data Group	UL 2238 (Outdoor Use, UL 50e)
		Hybrid Group	UL 1977
<p><b>Note:</b> Design and specification are subject to change without notice.</p>			

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