

FEATURES AND SPECIFICATIONS



PowerCat 6 DIN 49075 Module

Features and Benefits

The PowerCat 6 DIN module is designed for compatibility with the 50 x 50mm DIN 49075 standard. The product is a fully assembled unit featuring the shuttered DataGate Plus™ connector. The angled design reduces patch cord bend radius and features a protected labelling facility. Individual ports may be colour coded using a connector icon label, for site-specific network administration. The PowerCat 6 DIN module is available as a single or double port product and is supplied with a grid-plate.

The module features the DataGate Plus Category 6 connector. This superior RJ45 IDC includes a unique integral shutter that not only protects the connector from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords. The DataGate Plus connector is dual colour coded for either 568A or 568B wiring schedules and is RJ11 compatible.

Suitable for high-speed data transmission, the DataGate Plus Category 6 connector has been designed to exceed the highest electrical performance standards in the industry and has been independently tested and verified by ETL SEMKO for Category 6 component compliance. The DataGate Plus connector is also backward compatible with CSE systems.

- DIN 49075 compatible
- Shuttered RJ45 DataGate Plus connector
- Protected labelling facility
- Angled fascia
- 1 and 2 Port versions

Compliant with

TIA/EIA 568B 2.1, FCC subpart F68.5, ISO 60603-7, ISO 11801:2002, EN50173:2002

Approvals

UL-1863 (Pending).

CSA (Pending).

ETL Verified for Category 6 Component Compliance.

Technical Information

Mechanical Characteristics

Jack Connector

Plastic Housing:	Polycarbonate, UL94V-0 rated or equivalent
Operating Life:	Min. 750 insertion cycles
Contact Material:	Copper Alloy
Contact Plating:	1.25 micrometres Au/Ni
Contact Force:	100g minimum
Plug Retention Force:	6.8kg

IDC Connector

Plastic Housing:	Polycarbonate, UL94V-0 rated or equivalent
Operating Life:	Min. 20 Reterminations
Contact Material:	Copper Alloy
IDC Contact Plating:	Tin/Lead Plate
Contact Force:	100g minimum
Wire Accommodation:	22-24 AWG solid

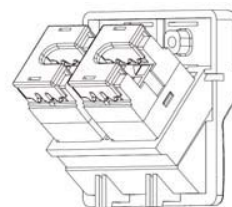
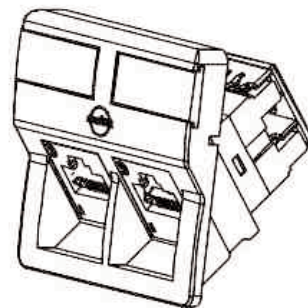
Electrical Characteristics

Interface Resistance:	<20mΩ
Initial Resistance Imbalance:	<2.5mΩ
Insulation Resistance:	>100MΩ

Minimum backbox depth requirement: 40mm

Termination Tool: 110

Shipping weight: 638g (pack of 10)



Order No.	Description
WNC-00030-02	DIN Module 1 Port DataGate Plus RJ45 568A/B UTP C6 White
WNC-00030-06	DIN Module 1 Port DataGate Plus RJ45 568A/B UTP C6 Almond
WNC-00031-02	DIN Module 2 Port DataGate Plus RJ45 568A/B UTP C6 White
WNC-00031-06	DIN Module 2 Port DataGate Plus RJ45 568A/B UTP C6 Almond
CSP-00021-**-*	Connector icon labels

** Colour Options: 01=Almond, 02=White, 04=Black, 05=Ivory, 08=Grey, BL=Blue, GR=Green, PP=Purple, RD=Red, RG=Orange, YL=Yellow



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