

Features and Benefits

Molex Premise Networks modular wall outlet range Contura was designed to combine aesthetics with functionality and to support a growing requirement for shielded cabling systems. The contemporary design of the products is ideal for the modern office and provides the user with the flexibility of installing as many modules as required. The product family consists of Single and Double Gang Wall Plates with Grid Plate, a shuttered Shielded DataGate Module and a Blank Module. The angled design of the module reduces patch cord bend radius and features a protected labelling feature. Individual ports may be colour coded for site-specific network administration, by fitting connector icon labels.

The Contura Module is a key component of the PowerCat 6 shielded channel compliant system. The module features the Shielded DataGate connector that allows 180° and 90° cable exit. This superior connector provides 360° shielded protection by utilising a two piece tin/nickel plated brass can that encloses the RJ45 IDC. The connector also includes a unique integral shutter that not only protects it from dust and contaminants, but the ingenious spring-loaded design also ejects improperly seated patch cords.

The Shielded DataGate connector is dual colour coded for either 568A or 568B wiring schedules and is RJ11 compatible. Suitable for high-speed data transmission, the 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.

- Contemporary Design
- Single and Double Gang Wallplates
- 360° shielded shuttered RJ45 DataGate module
- Protected labelling facility
- Module & Blank - 50 x 22mm

Commercial Standards

Category 6:
TIA/EIA 568B-2-1, FCC Subpart F68.5,
ISO 60603-7, ISO 11801:2002, EN
50173:2002
10G Base-T:
TIA/EIA TSB-155, ISO/IEC 24570

Technical Information

Mechanical Characteristics

Jack Connector
Plastic Housing: Polycarbonate, UL94V-0 rated or equivalent
Operating Life: Minimum 750 insertion cycles
Contact Material: Copper Alloy
Contact Plating: 1.27 micrometres Au/Ni
Contact Force: 100g minimum
Plug Retention Force: 6.8kg.
Can: 0.25mm brass to C2680R pre-plated tin over nickel.

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

Electrical/Optical Characteristics

Interface Resistance: 20mΩ
Initial Contact Resistance: 2.5mΩ
Insulation Resistance: >100 MΩ

Dimensions:
Single Gang - 86 x 86mm (external),
52 x 45mm (internal aperture).
Double Gang - 86 x 145mm (external)
52 x 90mm (internal aperture).
Module and Blank: 52 x 22.5mm
Minimum Backbox Depth Requirement:
40mm.

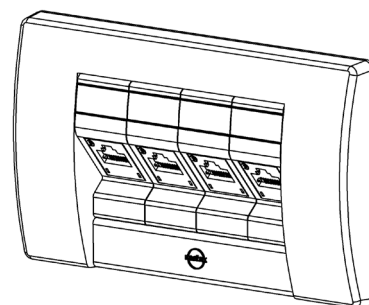
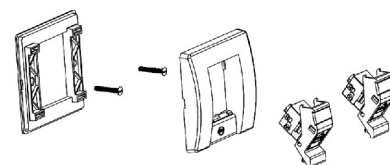
Double gang (4 ports) can only be installed using 180° termination

Termination Tool: 110

Shipping Weight:
Single Gang & Grid Plate: 48g (Pk of 10)

Double Gang & Grid Plate: 38g (Pk of 5)

Module: 325g (Pk of 10)
Blank: 410g (Pk of 40)



MOLEX PREMISE NETWORKS

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ORDERING INFORMATION**PowerCat 6
Shielded Contura™
Modular Wall Outlets**

Order No.	SAP No.	Description
MGB-00003-02	0181770215	PowerCat 6 Angled Contura Module RJ45 568A/B Shielded - White
WGB-00001-02	Contact Molex	Single Gang Wall Plate (includes grid plate) - White
WGB-00002-02	Contact Molex	Double Gang Wall Plate (includes grid plate) - White
Accessories		
MGB-00002-02	Contact Molex	Blank Module
CSP-00021-**	Contact Molex	Connector Icon Labels (10 per pack)



Insert color code in place of ** in part number when ordering PowerCat 6 Accessories:

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

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