

PowerCat 6 Contura™ Modular Wall Outlets

molex

Molex 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 Shielded DataGate connector 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 Shielded DataGate 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 Shielded DataGate connector is also backwards compatible with Shielded C5E systems.

Molex recommend that the full range of PowerCat 6 Shielded products are used in a system to maximise cabling performance. The System has been independently verified by Intertek ETL SEMKO as compliant with ISO/IEC TR24570 and TIA/EIA TSB-155 technical reports for the support of 10G BASE-T Channels and Permanent Links.

Features and Advantages

Contemporary design

Single and Double Gang Wall plates

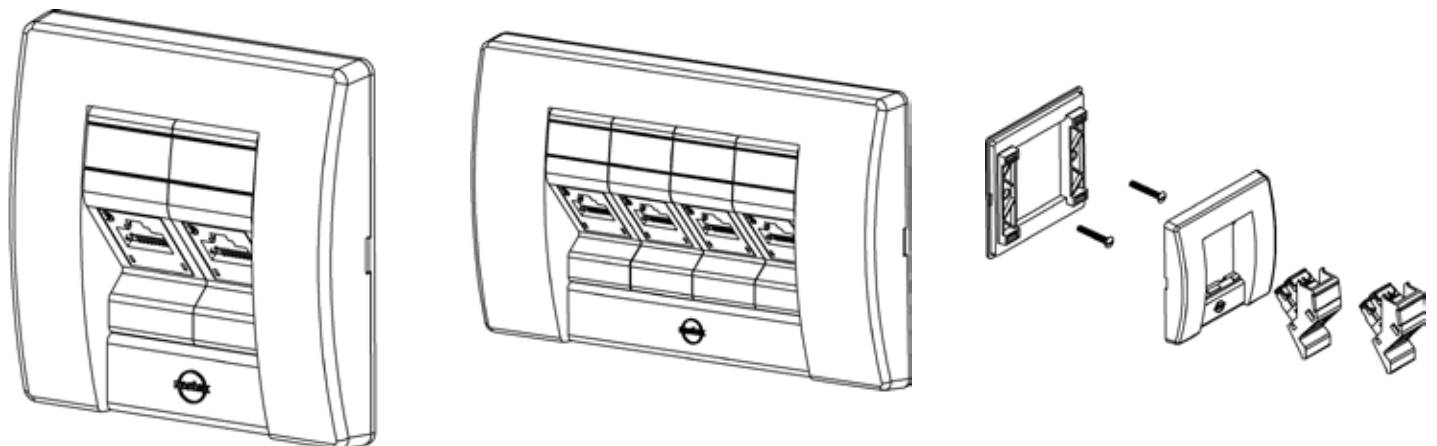
360° Shielded shuttered RJ45 DataGate 10G connector component compliant

Protected labelling facility

Independently tested

10G Channel performance when installed as a complete PowerCat 6 Shielded System

RoHS Compliant



www.molexces.com

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Specifications

MECHANICAL

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 reterminations

Contact Material: Copper Alloy

IDC Contact Plating: Tin/Lead Plate

Contact Force: 100g minimum

Wire Accommodation: 22-24 AWG solid

ELECTRICAL

Interface Resistance: 20mΩ

Initial Contact Resistance: 2.5mΩ

Insulation Resistance: >100 MΩ

PHYSICAL

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)

Ordering Information

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

Insert colour 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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