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PowerCat 6 Contura Modular Wall Outlets ❯

Molex PowerCat 6 Contura Modular Wall Outlet range has been designed to combine aesthetics with functionality. 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 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 color coded for site-specific network administration, by fitting connector icon labels.

The Contura data module features the DataGate 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 connector is dual color coded for either 568A or 568B wiring schedules and is RJ11 compatible.

Suitable for high-speed data transmission, the DataGate Category 6 connector has been designed to exceed the highest electrical performance standards in the industry. The DataGate connector is also backwards compatible with C5e systems.

MBG-00001-02

WGB-00001-02

WGB-00002-02

FEATURES AND ADVANTAGES

Contemporary design
Single and Double Gang Wall plates
Shuttered RJ45 DataGate Module
Protected labeling facility
Independently tested
RoHS Compliant

www.molexces.com/products/copper/cat6

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SPECIFICATIONS

Commercial Standards

TIA/EIA-568-C.2:2009 cat.6,
EN 50173-1:2011 Class E, ISO/IEC
11801:2010 (Ed 2.2) Class E, FCC
Subpart F68.5

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 micrometers Au/Ni
Contact Force: 100g minimum
Plug Retention Force: 6.8kg.

IDC Connector
Plastic Housing:
Polycarbonate, UL94V-0 rated or equivalent
Operating Life:
Minimum 20 reterminations
Contact Material: Copper Alloy
IDC Contact Plating: Tin matte finish
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:
25mm
Termination Tool: 110

Shipping Weight:
Single Gang & Grid Plate: 48g (Pk of 10)
Double Gang & Grid Plate: 38g (Pk of 5)
Module: 312g (Pk of 20)
Blank: 410g (Pk of 40)

PoE
Our PowerCat 6 system is suitable for PoE applications as defined below:
IEEE 802.3bt from Type 1 to Type 4, and
CISCO UPoE+

Notes:
For new installations of PoE Type 3 / Class 5 and above that wish to be eligible for the Molex 25 year Application Assurance Warranty, we require Category 6A cable to be used throughout.
To confirm your PoE / RP3 cabling design is eligible for the Molex 25 year Application Assurance Warranty, your design must be verified and validated with the Molex PoE Calculator. Read more
https://www.molexces.com/poe-calculator

Molex recommends that the PoE feature on an individual switch port are power disabled prior to unplugging the associated powered Device.
Molex recommends that the full range of PowerCat 6 products be used in a system to maximize cabling and PoE performance Details on Molex requirements for Warranty can be found at
https://www.molexces.com/about-us/our-warranty/

ORDERING INFORMATION

Order No.	SAP No.	Description
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-00001-02	Consult Molex	PowerCat 6 Angled Contura Module RJ45 568A/B UTP - White
MGB-00002-02	Consult Molex	Contura Module Blank - White
CSP-00021-**	Consult 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 Gray, RD = Red, BL = Blue, GR = Green, YL = Yellow,
RG = Orange, PP = Purple

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