



Features and Benefits

The shielded Euromod modular system provides a flexible and versatile method of installation, allowing the user the choice of installing as many data outlets as required. The module is compatible with the Euromod range of wall plates and its angled design reduces patch cord bend radius.

The PowerCat 6A shielded Angled Euromod II Module features the unique DataGate™ shielded connector. This shielded connector offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilising robust die-cast zinc alloy connector body housing. This shielded connector also features a unique spring loaded shutter that not only protects it from dust and contaminants, but the ingenious spring loaded design also ejects improperly seated patch cords. The shielded connector is dual colour coded for either 568A or 568B wiring schedules. The DataGate PowerCat 6A shielded connector is also backwards compatible with shielded C6 and C5e systems

Molex recommends the full range of PowerCat 6A shielded products be used in a system to maximise cabling performance. This system is compliant with ISO/IEC 11801 A1.1 and TIA/EIA 568-B.2-10 for the support of 10GBASE-T.

- 25 x 50mm fascia
- 360° die-cast shielded shuttered RJ45 DataGate connector
- Protected labelling facility
- Euromod wall plate compatible
- Angled fascia
- Category 6A performance when installed as a complete PowerCat 6A shielded system
- RoHS Compliant

Commercial Standards

TIA/EIA-568-B.2-10

ISO/IEC 11801 A1.1

FCC Subpart F 68.5

IEC-603-7

Pending Approvals:

ETL independant testing

UL-1863

CSA C2.2

Technical Information

Mechanical Characteristics

Connector

Housing: Zinc Alloy plated Bright Ni/Cu
 Operating Life: Minimum 750 insertion cycles
 Contact Material: Copper Alloy
 Contact Plating: 1.25 micrometres Au/Ni
 Contact Force: 100g minimum
 Plug Retention Force: 6.8kg minimum

IDC Connector

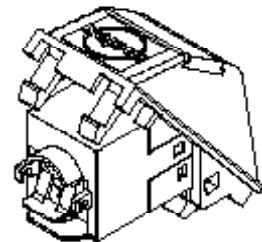
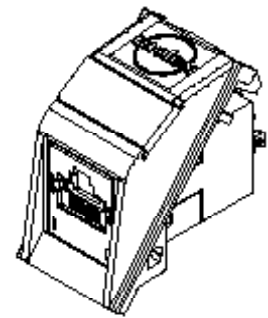
Housing: Polycarbonate, UL94V-0 rated
 Operating Life: Minimum 20 reterminations
 Contact Material: Copper Alloy
 IDC Contact Plating: Tin Matte Finish
 Contact Force: 100g minimum
 Wire Accommodation: 22-24 AWG solid

Electrical Characteristics

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

Minimum Backbox Depth Requirement: 44mm

Termination Tool: 110



ORDERING INFORMATION

Order No.	Description
MEU-00065-02	PowerCat 6A Angled Euromod II Module RJ45 568A/B Shielded - White
MEU-00065-04	PowerCat 6A Angled Euromod II Module RJ45 568A/B Shielded - Black

Corporate Headquarters
 Tel: 630 969 4550
 www.molexpn.com

European Headquarters
 Tel: 44 (0) 1489 572111
 www.molexpn.co.uk

Pacific Rim Headquarters
 Tel: 61 3 9971 7111
 www.molexpn.com.au