

# Excel Cat6A FTP Screened 6 Port ExpressNet Module IDC Punch down Silver

Item Code: 100-237

**excel**  
without compromise.



✕ Housing for six connections Compatible with Excel ExpressNet Panel

✕ Toolless termination design

✕ Cables entering module are individually secured

✕ Supports 10 Gigabit Ethernet application

✕ 25 Year system warranty

✕ 3rd Party ISO11801 2nd Edition verification

✕ CIBSE TM65 Embodied Carbon: 4.062 kg CO2e

## Product Overview

100-237 Excel Cat6a FTP Screened 6 Port ExpressNet Module IDC Punch down Silver, offers a flexible and quick way to terminate and install structured cabling.

Manufactured from high impact flame retardant plastic, the modules use IDC punch downs for the termination of the copper cables. The incoming cables are secured in place with cable ties resulting in a fully covered termination. The modules are easily fitted and removed from the rear of the patch panel by activating release latches.

## Product Specifications

| Feature                   | Values     |
|---------------------------|------------|
| Model                     | Jack       |
| Type of connector         | RJ45 8(8)  |
| Shielded                  | yes        |
| Category                  | 6A (IEC)   |
| Connection type           | LSA        |
| Requires termination tool | Punch-down |
| Suitable for round cable  | yes        |

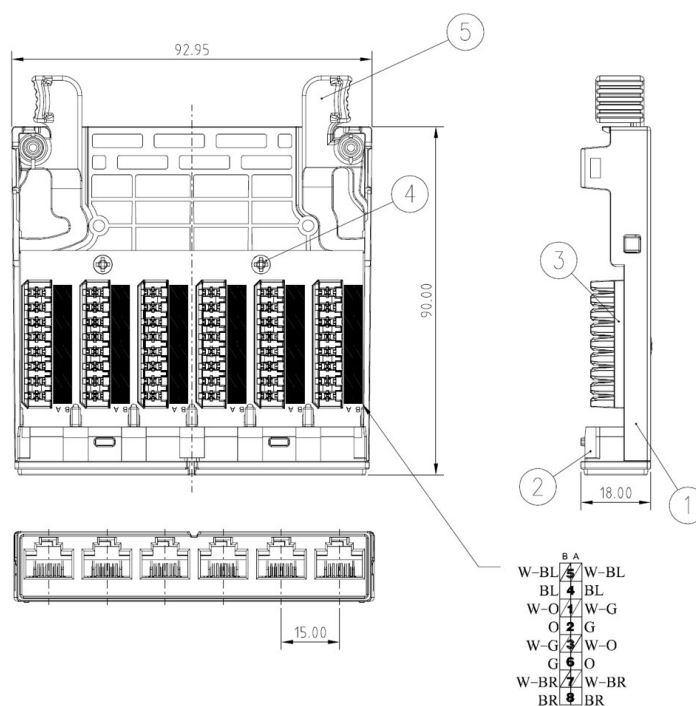
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|                         |         |
|-------------------------|---------|
| Suitable for solid core | yes     |
| Colour                  | Silver  |
| AWG-range               | 22...24 |

## Product drawing



## Additional specifications

| Features                        | Values  |
|---------------------------------|---|
| Width                           | 92.95mm   |
| Depth                           | 90mm  |
| Height                          | 18mm  |
| Housing                         | Die cast Zinc-alloy   |
| RJ45 Contacts                   | Nickel plated phosphor bronze alloy with 50 micro-inch Gold plating |
| IDC Contacts                    | Tin plated phosphor bronze alloy                                    |
| RJ45 Life                       | Minimum 750 insertions  |
| Insulation resistance           | 500 MΩ  |
| Dielectric withstanding voltage | 1000 V AC   |

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|                       |                |
|-----------------------|----------------|
| Storage temperature   | -40°C to +70°C |
| Operating temperature | -10°C to +60°C |

## Standards

| Applicable standard                       | Detail  |
|---|---|
| ISO/IEC 11801-1:2017                      | Information technology - Generic cabling for customer premises: Part 1 General Requirements   |
| EN 50173-1:2018                           | Information technology. Generic cabling systems - General requirements  |
| ANSI/TIA 568-2.D                          | Balanced Twisted-Pair Telecommunications Cabling and Components Standards   |
| UL-94-V-0                                 | Burning stops within 10 seconds after two applications of ten seconds each of a flame to a test bar. No flaming drips are allowed.  |
| RoHS-II/III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023                                 | Compliant to Waste Framework Directive  |
| SCIP: 2023                                | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)   |
| POPs (EU) No 2019/1021                    | EU Regulation for the restriction of Persistent Organic Pollutants.   |

## Part Number Table

| Part Number | Description   |
|-------------|---|
| 100-237     | Excel Cat6A FTP Screened 6 Port ExpressNet Module IDC Punch down Silver |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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