Excel Cat6A (FTP) Screened RJ45 LJ6C Module White (12-Pack)

Part Code: 100-138-12

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CIBSE TM65 Embodied Carbon: 4.824 kg CO2e



Main Features

- Low profile
- Built-in slide label system
- Fits 27 mm back box when used with bevelled faceplate
- CIBSE TM65 Embodied Carbon: 4.824 kg CO2e

Product Overview

Excel Category 6A Screened RJ45 LJ6C modules comply with the EIA TIA Standard for Category 6A. Each shuttered module is supplied with a slide label field and space above, which allows for the use labelling if required.

Termination can be made using Krone tooling, and a cable tie base is positioned to the side of the IDC blocks to relieve cable stress.

Product Specifications

Feature	Values

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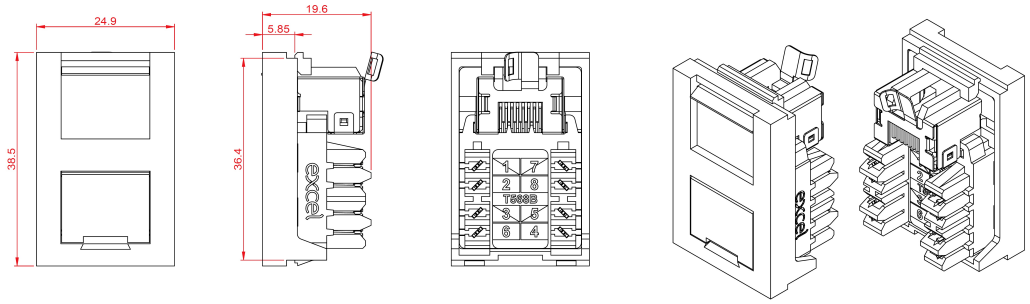
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Surface mounted	**yes**
Flush-mounted installation	**yes**
Floor box/sub-floor mounted	**yes**
Type of fastening	**Engage (snap)**
Type of connector	**RJ45 8(8)**
Category	**6A (IEC)**
Colour	**White**
RAL-number	**9016**
Connection type	**LSA**
Shielded housing	**yes**
With label space	**yes**
Outlet direction	**Straight**
Colour coding	**yes**
Width of device	**24.9 mm**
Height of device	**38.5 mm**
Depth of device	**19.6 mm**

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Product drawing



Additional specifications

Features	Values
RJ45 Jack minimum life	**700 insertions**
Contact Material	**50 Micro-inch Gold Plated contact pins**
Module Housing:	**ABS 80% + AS 20% High-Impact UL94HB**
Jack Housing:	**PBT High-Impact UL94V-0 Thermoplastic, 15 % Glass Fibre Filled**
IDC Contacts	**Suitable for LSA compatible tool**
IDC Contacts life	**Maximum 100 reterminations**
IDC Compatibility	**22 to 26AWG Solid / 24AWG Stranded wire**
Operating Temperature	**-10 °C to + 60 °C**
Storage Temperature	**-40 °C to + 70 °C**
Panel Material	**SPCC**

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Included accessories

Accessories	Quantity
Nylon Cable Tie	**1**

Standards

Applicable standard	Detail
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
IEC 60603-7-51:2010	Connectors for electronic equipment - Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
EN 50173-2:2007 + A1:2010	Information technology. Generic cabling systems - Office premises
ANSI/EIA-310-E	Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).

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ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Code Table

Part Code	Description
100-138	**Excel Cat6A (FTP) Screened RJ45 LJ6C Module White 25 x 38.5 mm**
100-138-12	**Excel Cat6A (FTP) Screened RJ45 LJ6C Module White (12-Pack)**

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