Excel Cat5e UTP Unscreened Keystone Jack IDC Punch Down Black (Box 24)

Part Code: 100-010-BK-24

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CIBSE TM65 Embodied Carbon: 9.289 kg CO2e



Main Features

- IDC point at 90 degrees to jack
- 3P Verified
- Supports Gigabit Ethernet
- Suitable for patch panel and faceplate mounting
- UL94V-0 fire retardant plastic
- ISO, EN & TIA compliant

Product Overview

Excel Cat5e UTP Unscreened Keystone Jack IDC Punch down Black Box 24, available as part of our range of excel Cat5e keystone jacks for RJ45 network connections. Suitable for mounting in a range of housings from patch panels, faceplates and shutters, to floor boxes and work area distribution enclosures. The socket itself is housed in a high quality ABS plastic housing which opens at the rear to reveal the IDC termination points.

Product Specifications

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Feature	Values
Model	**Jack**
Type of connector	**RJ45 8(8)**
Shielded	**no**
Category	**5E**
Connection type	**110**
Requires termination tool	**yes**
Suitable for round cable	**yes**
Suitable for flat cable	**no**
Suitable for solid cores	**yes**
Colour	**Black**

Additional specifications

Features	Values
Width	**16.4 mm**
Depth	**30.75 mm**
Height	**19.2 mm**
Housing	**ABS High-Impact**
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**
Contact force	**100 grams with FCC compliant RJ-45 plug**
Plug retention	**48.9 N**

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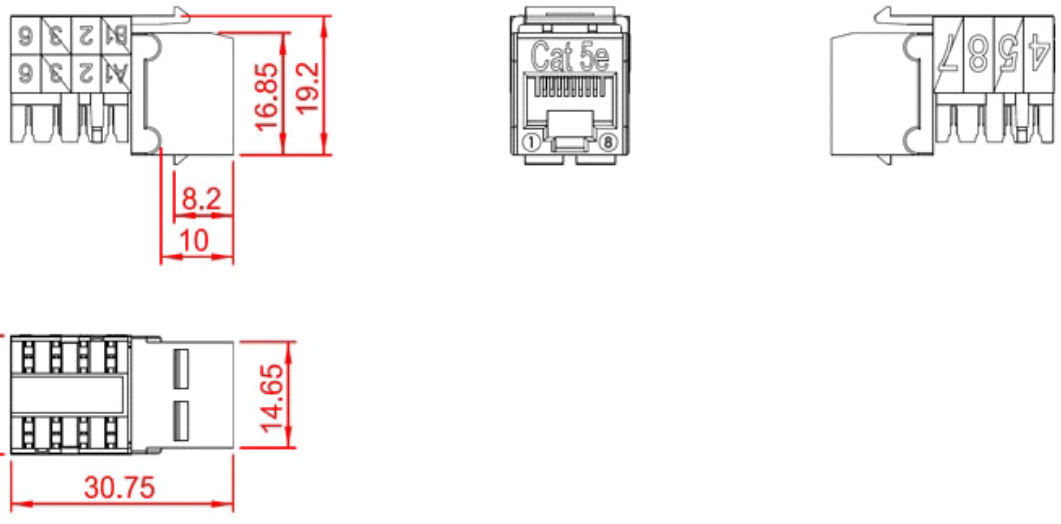
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Suitable impact tool	**110 style punch down tool**
Insulation resistance	**500 MΩ**
Dielectric withstanding voltage	**1000 V AC**
DC current rating	**1.5 Amps**
DC resistance	**0.1 Ω**
Contact resistance	**20 mΩ**
Storage temprature	**-40 to +70 °C**
Operating temprature	**-10 to +60 °C**
Relative humidity (Operational)	**10 % to 90 % RH**

Product drawing



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Included accessories

Accessories	Quantity
Nylon cable tie	**1**
Wiring cap	**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.
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.
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).
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 —

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	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
100-010	**Excel Cat5e UTP Unscreened Keystone Jack IDC Punch Down White**
100-010-24	**Excel Cat5e UTP Unscreened Keystone Jack IDC Punch Down White (Box 24)**
100-010-BK	**Excel Cat5e UTP Unscreened Keystone Jack IDC Punch Down Black**
100-010-BK-24	**Excel Cat5e UTP Unscreened Keystone Jack IDC Punch Down Black (Box 24)**

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