TECHNICAL DATA SHEET

Dataworks
Slimline Data Outlet Modules

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Dataworks™ Slimline Data Outlet Modules

PRODUCT RANGE	
Euro Data Module, Slimline RJ45, Cat 5e, UTP	22545 WHI
Euro Data Module, Blank, (12.5x50mm)	22186 WHI
1G Single Slimline RJ45, Cat 5e, UTP (Square edge frontplate)	22593 WHI
1G Twin Slimline RJ45, Cat 5e, UTP (Square edge frontplate)	22594 WHI
1G Single Slimline RJ45, Cat 5e, UTP (Logic Plus frontplate)	22598 WHI
1G Twin Slimline RJ45, Cat 5e, UTP (Logic Plus frontplate)	22599 WHI
2G Quad Slimline RJ45, Cat 5e, UTP (Logic Plus frontplate)	22600 WHI
2G Quad Slimline RJ45, Cat 5e, UTP (Square edge frontplate)	22602 WHI

Description

Telecommunication outlets are designed for fitting standard Euro sized apertures (25mm x 50mm).

These have a shuttered RJ45 socket which allows quick connection to devices directly or via line adapters.

Slimline modules pre-assembled into frontplates

Logic Plus Frontplates

Square Edge Frontplates

Features

- Cat 5e performance.
- UTP
- Slimline design facilitates use of shallower back box or slower bend radii of cable.
- Krone/110 compatible IDC terminals.
- Colour coded IDC terminals (for 568B wiring configuration).
- Shuttered.
- Cable tie anchor point.
- Supplied with cable tie.

- Standard 12mm labelling system and window (compatible with Brother labelling printers or MK labelling system).
- Supplied with blank label and protective window.
- Industry standard (Euro) snapfit.
- Standard Euro module size: 25 x 50mm
- $\frac{1}{2}$Module blank (12.5 x 50mm) available.
- Available individually or pre-mounted in frontplates (see catalogue).

Standards and approvals

ISO/IEC 11801
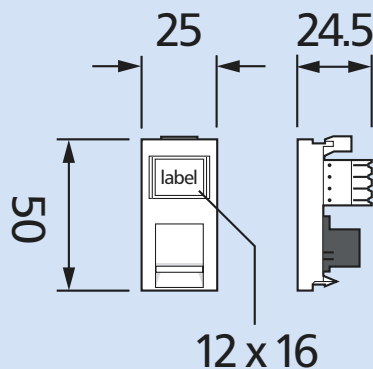
TIA/EIA 568A

BSEN 50173

Dataworks
Slimline Data Outlet Modules
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Dimensions (mm)

25   24.5

50

label

12 x 16

TECHNICAL SPECIFICATION

Dimensions

Height: 50mm

Width: 25mm

Depth: 24.5mm

Label Size: 16 x12mm

Weight: 14g

Colour

MK White

IDC Contacts

Phosphor Bronze

IDC Style

110 & Krone compatible

Jack Contacts

Phosphor Bronze with 50 microns Gold on 100 microns Nickel

Reliability

RJ45 jack: 750 insertions
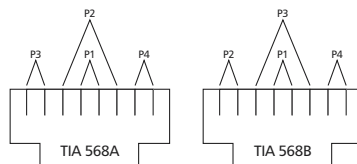
IDC: 200 insertions

Boxes

Suitable for mounting in flush or surface boxes with a minimum depth of 25mm.

When used in conjunction with MK Accent and Edge Euro frontplates a flush mounted box of minimum box depth 30mm is required.

Installation

The wires enter from the rear of the jack between the two rows of IDC terminals. The wires are then folded out to the side through the appropriate IDC maintaining the twist as much as possible. The wires are then punched down using the IDC insertion/punchdown tool with the excess wire automatically trimmed off by the tool.

P2   P3

P3   P1   P4   P2   P1   P4

TIA 568A   TIA 568B

Pair 1 – WHITE/blue & BLUE (or BLUE/white)
Pair 2 – WHITE/orange & ORANGE (or ORANGE/white)
Pair 3 – WHITE/green & GREEN (or GREEN/white)
Pair 4 – WHITE/brown & BROWN (or BROWN/white)

MK Dataworks Slimline modules are colour coded for TIA 568B wiring shown. For 568A wiring transpose the orange and green pairs.

The amount of outer sheath stripped from the cable should be kept to a minimum.

The cables should be secured to the cable tie points provided, (cable ties must not be over tightened).

Ensure that when the modules are fitted to the frontplates and wall box that the cables are not twisted, kinked or pinched within the box, as this will affect the system performance. Maintain the minimum cable bend radii of 40mm during installation and 20mm after installation.

Note:

For detailed installation guidelines contact your local Authorised Training Centre or Authorised Stockist for details of installation training courses available for MK Dataworks Structured Cabling systems.

WHITE/orange
ORANGE (or ORANGE/white)
WHITE/green
GREEN (or GREEN/white)

WHITE/brown
BROWN (or BROWN/white)
WHITE/blue
BLUE (or BLUE/white)

Wires enter here
and fold out to each side