

P | Cabling

Data sheet

E-DAT design 2 port UPk Cat.6, pure white

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P/N

1307441102-I

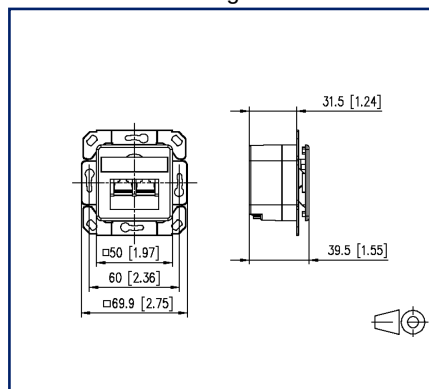
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2021/10/08

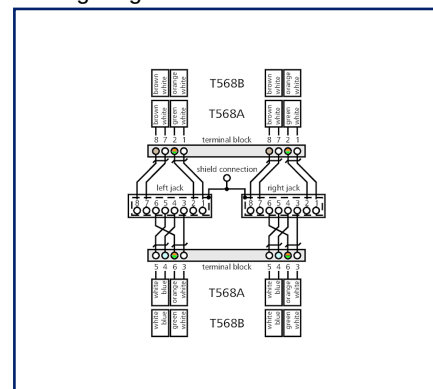
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

- termination unit with two 8-pole RJ45 jacks for mounting in cable duct
- Class E/Cat.6 Link Performance to ISO/IEC11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- for 1 GBit Ethernet (IEEE 802.3)
- suitable for Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- plug direction of the RJ45 plugs 45° downwards
- pin assignment to ISO/IEC 11801/EN 50173-1
- cable entry from 4 directions
- connection of data lines AWG 26/1 to 22/1 (solid wire)
- with label window for enclosed identification labels
- label sheet 209 x 294 mm see accessory
- compatible with design central units of switch lines
- suitable for mounting in standard flush-mounted and cavity wall casings
- pearl white (RAL 1013) or pure white (RAL 9010) covers
- variants: UPk, Ek
- color variants: pure white, pearl white



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Technical Data

General Data

Fields of application

Office

Design

wall outlet

Mounting style

UPk

Shielding

shielded

Transmission technology

Copper

Color

Pure white RAL 9010

Dimensions

Dimension (L x W x H)

39.5 mm x 69.9 mm x 69.9 mm

Dimension (L x W x H)

1.555 in. x 2.752 in. x 2.752 in.

Labeling option

label window with identification label

Marking option

by dust protection

Transmission characteristics

Category (ISO)

6

Class (ISO/IEC)

E

Category (TIA)

6

Remote Powering

yes

PoE

IEEE 802.3af

PoE plus

IEEE 802.3at

UPoE

yes

HDBaseT

yes

Transmission rate up to 1 GBit (Fast Ethernet)

IEEE 802.3ab

Connections/interfaces

Connector technology interface 1

LSA terminal block

Connector technology interface 2

RJ45-jack

Number of ports interface 2

2

Number of ports interface 2 equipped

2

Number of positions/contacts interface 1

2 x 8

Number of positions/contacts interface 2

2 x 8P/8C



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Technical Data

Connections/interfaces

Termination data, solid wire (min. - max.)

Conductor cross section, solid wire	AWG 26/1 - AWG 22/1
Conductor cross section, solid wire	0.128 mm ² - 0.324 mm ²
Conductor diameter, solid wire (bare copper)	0.409 mm - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 in. - 0.025 in.
Module plug-in direction	45° downwards
Cable access/outlet	180°
Ground connection	2.8 mm flat plug
Shield connection	flexible contact spring

Elektrische/ Optische Eigenschaften

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

Mechanical data

Insertion and withdrawal force	max. 20 N
Position/mounting of latch standard installation position	top

Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Material - Cover part(s)	ABS
Material - Supporting frame	GD-Zn (zinc die-cast)
Material - Label window	ABS, transparent
Material - Dust protection	ABS
Material - Contact	CuSn (tin bronze)
Material - Contact finish	Ni + Au (nickel-gold)
Material - Shield	GD-Zn (zinc die-cast)
RoHS	compliant



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Technical Data

Environmental conditions

Temperature (min. - max.)

Temperature - Storage °C -40 °C - 70 °C

Temperature - Storage °F -40 °F - 158 °F

Temperature - Operating °C -40 °C - 70 °C

Temperature - Operating °F -40 °F - 158 °F

The product meets the following standards

Generic cabling systems

General requirements ISO/IEC 11801 Ed.2.2:2011-06 | DIN EN 50173-1:2011-09

Connectors for electronic equipment

Free and fixed connectors DIN EN 60603-7-51:2011-01

Classifications

ETIM 5.0 EC001264

ETIM 6.0 EC001264

ETIM 7.0 EC001264

ETIM 8.0 EC001264

Packing details

Type of packaging 10 pc(s) / box

Packaging unit - Weight (gram) 1602 g

Packaging unit - Weight (pound) 3.53 lb

Packaging dimension 283 mm x 180 mm x 85 mm

Packaging dimension 11.142 in. x 7.087 in. x 3.346 in.



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Accessories

P/N	Designation
130829-02-I	Surface mount frame 85 x 85 mm - Single, pure white
130829-4302-I	Surface mount frame 85 x 85 x 43 mm - single, pure white
1308895010-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, without separation cup
1308895011-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, with separation cup
1308895020-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, without separation cup
1308895021-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, with separation cup
1308895040-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 50 mm, without separation cup
1308895041-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 50 mm, with separation cup
1308895220-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 52 mm, without separation cup
1308895221-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 52 mm, with separation cup
1308895510-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, without separation cup
1308895511-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, with separation cup
1308895520-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, without separation cup
1308895521-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, with separation cup
1308895540-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 55 mm, without separation cup
1308895541-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 55 mm, with separation cup
130889ADTK-I	Mounting bracket ADTK for OBO
130889ADTSA-I	Mounting bracket ADTSA for OBO
130889FKH-I	Mounting bracket FR for Kleinhuis
130889FNI-I	Mounting bracket FR for Niedax
130889FTE-I	Mounting bracket FR for Tehalit
816718-0102-I	Cover plate 80 x 80 mm pure white, E-DAT C6
816718-0302-I	Cover plate 80 x 80 mm pure white, E-DAT design



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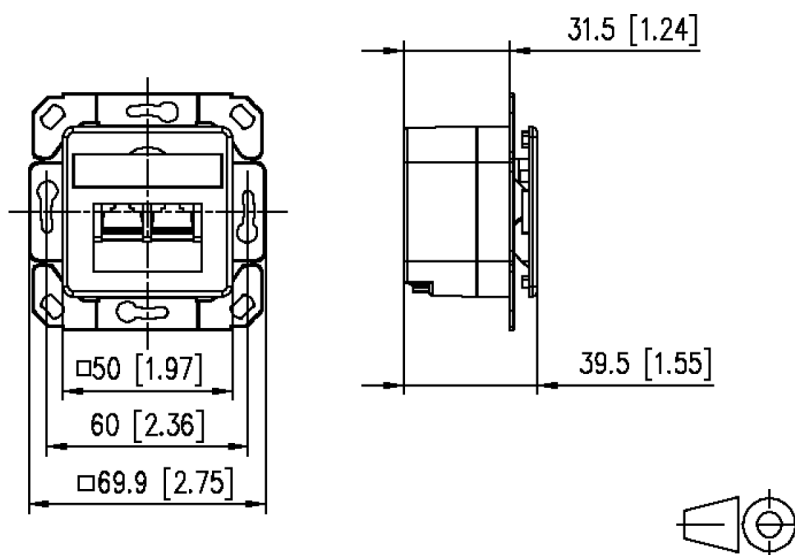
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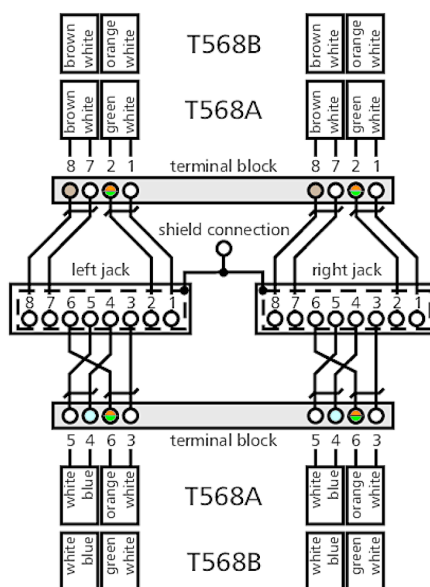
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Illustrations

Dimensional drawing



Wiring diagram



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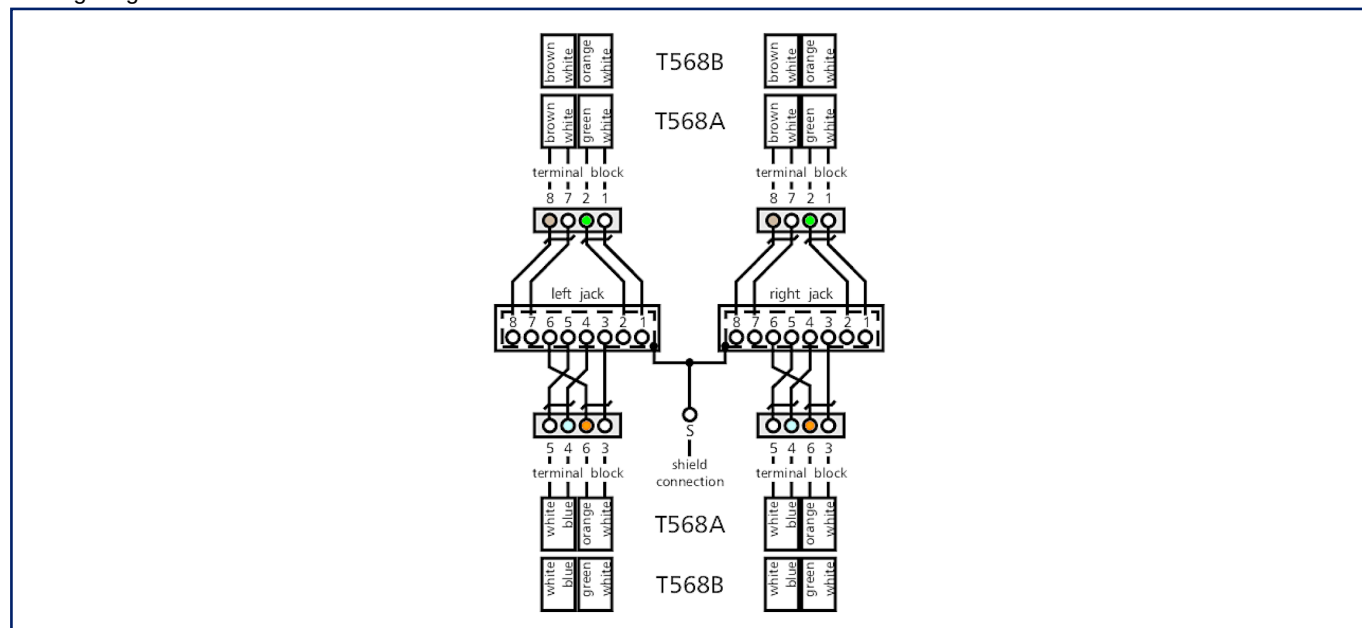
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