

P | Cabling

Data sheet

E-DAT modul 1 port UP Cat.6_A, pure white

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P/N

1309111002-E

EAN 4250184105565

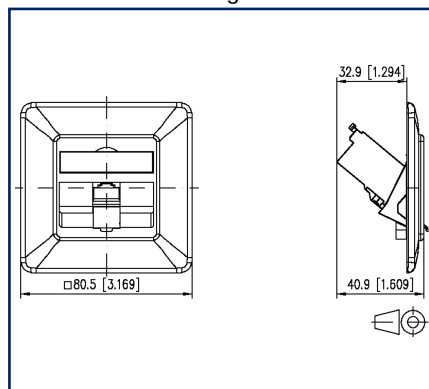
2021/07/28

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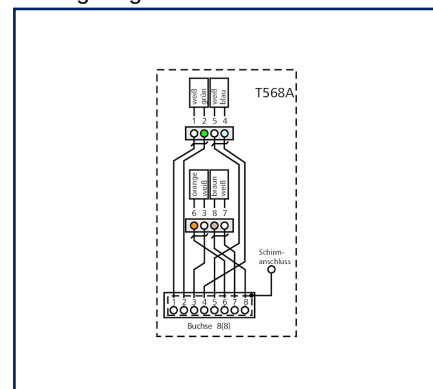
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

- flush-mounted termination unit with E-DAT modul
- component testing for Cat.6_A to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09, TIA/EIA-568-C.2 (2009-08) and IEC 60603-7-51 Ed.1 (12/2008), certified to GHMT
- compliance with class E_A to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: Link to 500 MHz
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- easy to install connection of 2 to 4-pair data lines AWG 26/1 - 22/1 and stranded wires with 7 copper conductors AWG 26/7 - 22/7 to BTR 8-fold insulation displacement connectors (IDC)
- marking of conductor assignment to T568A or T568B
- module plug direction 45° downwards
- strain relief with cable tie at the module
- label window for identification labels (labels included in the delivery)
- label sheet 209 x 294 mm see accessory
- integrated dust protection covers (also colored)
- traffic white RAL 9016, pearl white RAL 1013 or pure white RAL 9010 cover parts, structured surface with matt finish
- compatible with design central units of switch lines (note: 3 port central units at present only available from JUNG)
- not suitable for mounting in standard flush-mounted or cavity wall casings!
- variants: 1 port, 2 ports, 3 ports
- color variants: traffic white and pure white



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Technical Data

General Data

Fields of application

Office

Design

wall outlet

Mounting style

flush mount

Shielding

shielded

Transmission technology

Copper

Color

Pure white RAL 9010

Dimensions

Dimension (L x W x H)

40.9 mm x 85 mm x 85 mm

Dimension (L x W x H)

1.61 in. x 3.346 in. x 3.346 in.

Modularity

yes

Labeling option

label window with identification label

Marking option

by dust protection

Transmission characteristics

Category (ISO)

6_A

Class (ISO/IEC)

E_A

Category (TIA)

6A

Remote Powering

yes

PoE

IEEE 802.3af

PoE plus

IEEE 802.3at

UPoE

yes

4PPoE

IEEE 802.3bt

HDBaseT

yes

Transmission rate up to 10 GBit

IEEE 802.3an

Connections/interfaces

Connector technology interface 1

IDC-connection

Connector technology interface 2

RJ45-jack

Number of ports interface 2

1

Number of ports interface 2 equipped

1

Number of positions/contacts interface 1

8

Number of positions/contacts interface 2

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 mm² - 0.324 mm²

Conductor diameter, solid wire (bare copper) 0.409 mm - 0.643 mm

Conductor diameter, solid wire (bare copper) 0.016 in. - 0.025 in.

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

Conductor cross section, stranded wire AWG 26/7 - AWG 22/7

Conductor cross section, stranded wire 0.141 mm² - 0.355 mm²

Conductor diameter, stranded wire (bare copper) 0.483 mm - 0.762 mm

Conductor diameter, stranded wire (bare copper) 0.019 in. - 0.03 in.

Module plug-in direction 45° downwards

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

Cut-out module

Insertion and withdrawal force max. 20 N

Position/mounting of latch top

strain relief cable tie

Materials and material properties

Material - Housing Plastics

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)

Material - Finish Ni (nickel)



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Technical Data

Materials and material properties

RoHS compliant

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

Electromagnetic measurement E2

Certifications

GHMT Type Approval Component

Approvals

UL listed (file no.)  DUXR.E178484

The product meets the following standards

Connectors for electronic equipment

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

Connectors for electronic equipment - Tests and measurements

Test standard for connectors (engaging and separating connectors under electrical load) DIN-EN 60512-99-001, Pg. UEL1

Classifications

ETIM 5.0 EC001264

ETIM 6.0 EC001264

ETIM 7.0 EC001264



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Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	961 g
Packaging unit - Weight (pound)	2.12 lb
Packaging dimension	235 mm x 165 mm x 135 mm
Packaging dimension	9.252 in. x 6.496 in. x 5.315 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
820394-0105-I	Dust protection covers for wall outlets yellow
820394-0106-I	Dust protection covers for wall outlets blue
820394-0107-I	Dust protection covers for wall outlets green
820394-0108-I	Dust protection covers for wall outlets red
820395-0102-I	Cover plate 80 x 80 mm, pure white, module
899650-01	Label sheet for wall outlets



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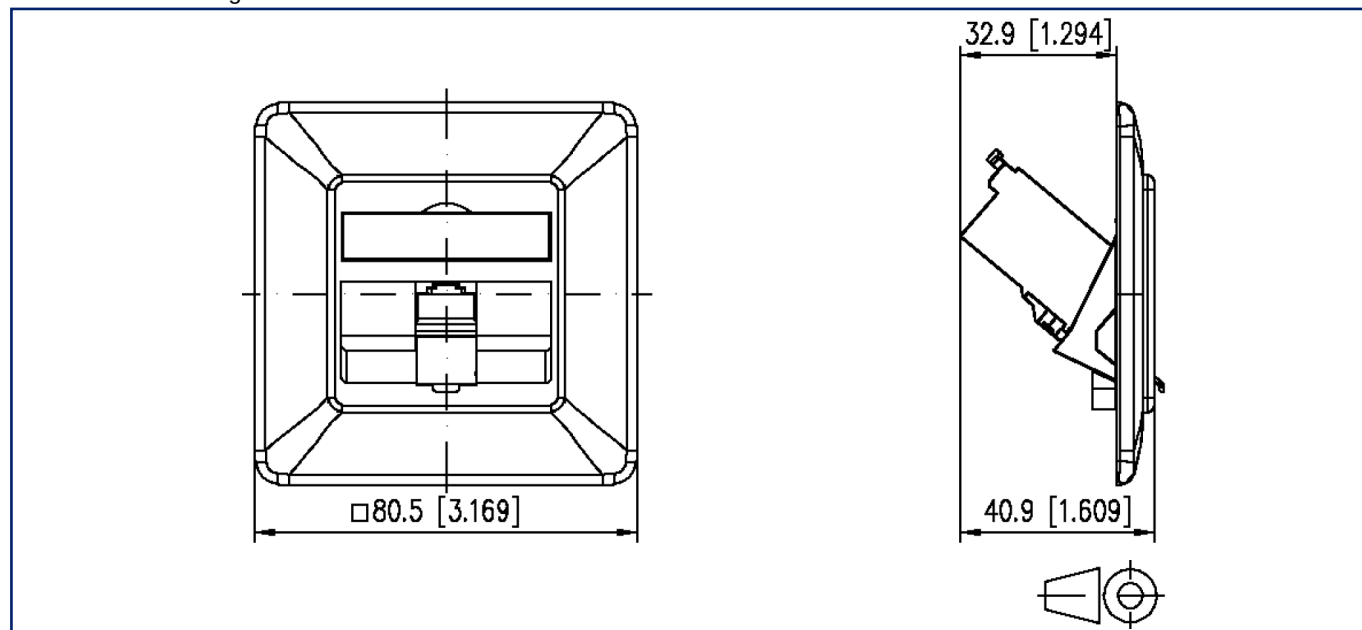
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Wiring diagram

