

P | Cabling

Data sheet

E-DAT modul 2 port AP Cat.6_A, pure white

Page 1/8

P/N

1309120002-E

EAN 4250184105640

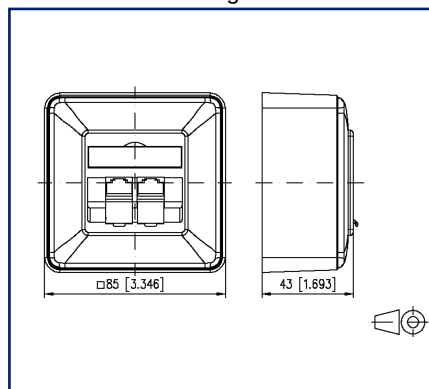
2021/07/28

Version: AI

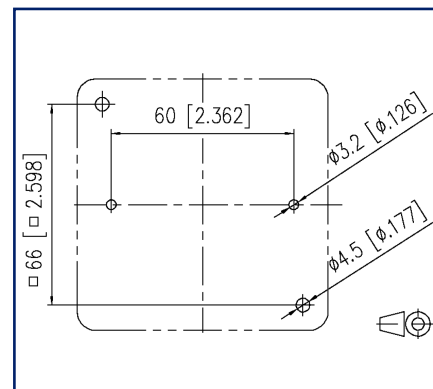
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document

Product specification

- surface-mount termination unit with E-DAT modul
- component testing for Cat.6_{AA} 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 up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: component up 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
- with label window for enclosed identification labels
- label sheet 209 x 294 mm see accessory
- integrated dust protection covers (also colored)
- cover parts in traffic white RAL 9016, pearl white RAL 1013 or pure white RAL 9010, structured surface with matt finish
- variants: 1 port, 2 ports, 3 ports
- color variants: traffic white or pure white



P | Cabling

Data sheet

Page 2/8

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Version: AI

Technical Data

General Data

Fields of application

Office

Design

wall outlet

Mounting style

surface mount

Shielding

shielded

Transmission technology

Copper

Color

Pure white RAL 9010

Dimensions

Dimension (L x W x H)

43 mm x 85 mm x 85 mm

Dimension (L x W x H)

1.693 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

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



P | Cabling

Data sheet

Page 3/8

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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

standard installation position

strain relief cable tie

Materials and material properties

Material - Housing Plastics

Material - Surface mount frame ABS, impact resistant

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)



P | Cabling

Data sheet

Page 4/8

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1309120002-E

EAN 4250184105640

2021/07/28

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Materials and material properties

Material - Finish	Ni (nickel)
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



P | Cabling

Data sheet

Page 5/8

E-DAT modul 2 port AP Cat.6_A, pure white

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1309120002-E**EAN 4250184105640**

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Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	1783 g
Packaging unit - Weight (pound)	3.93 lb
Packaging dimension	340 mm x 266 mm x 126 mm
Packaging dimension	13.386 in. x 10.472 in. x 4.961 in.



P | Cabling

Data sheet

Page 6/8

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Accessories

P/N	Designation
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
899650-01	Label sheet for wall outlets

P | Cabling

Data sheet

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Page 7/8

P/N

1309120002-E

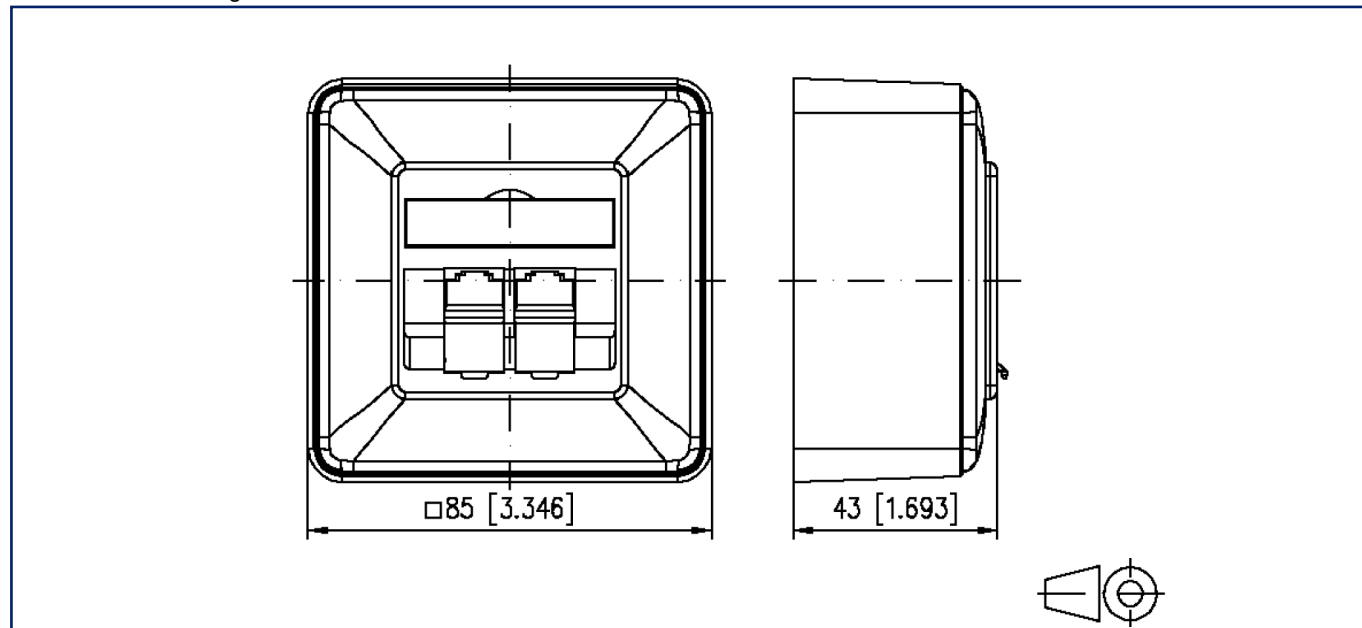
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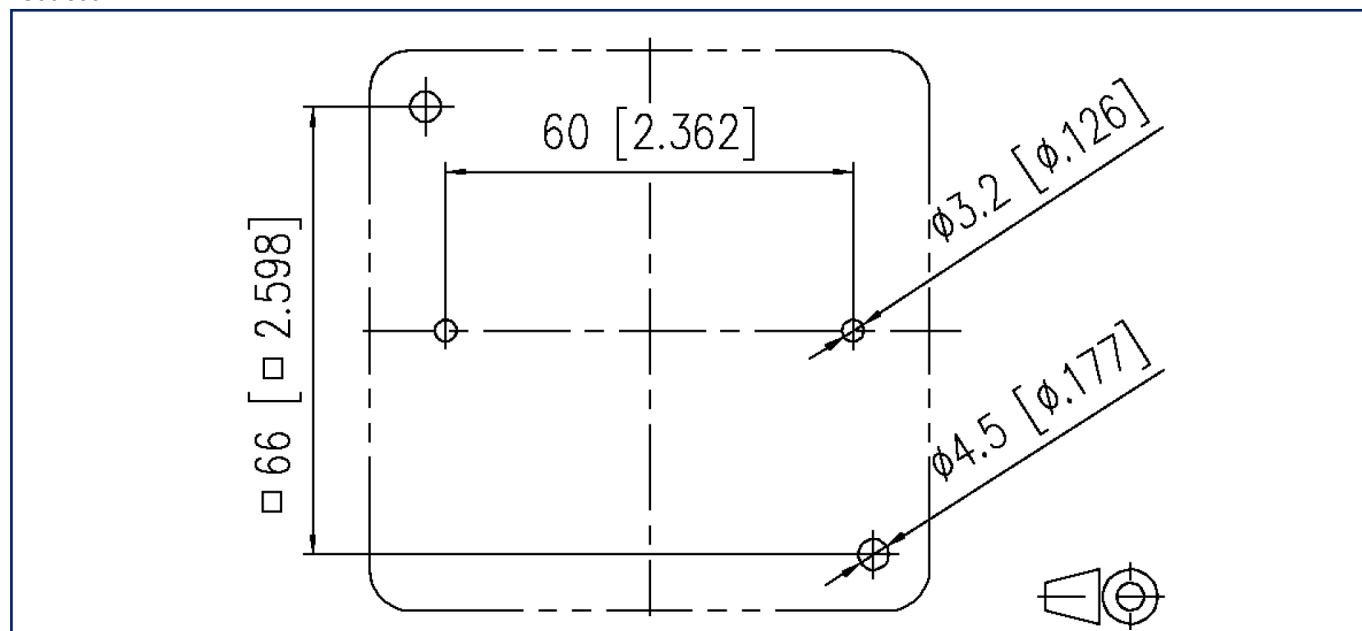
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Data sheet

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Page 8/8

P/N

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Wiring diagram

