

P | Cabling

Data sheet

E-DAT C6 1 port AP pure white

Page 1/8

P/N

1307370002-I

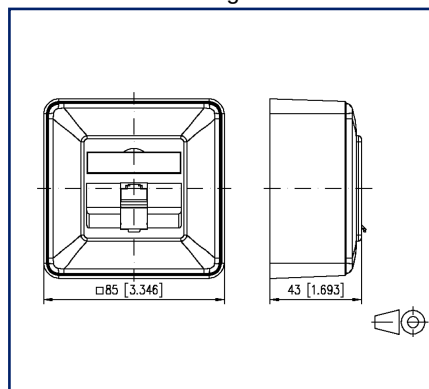
EAN 4250184102533

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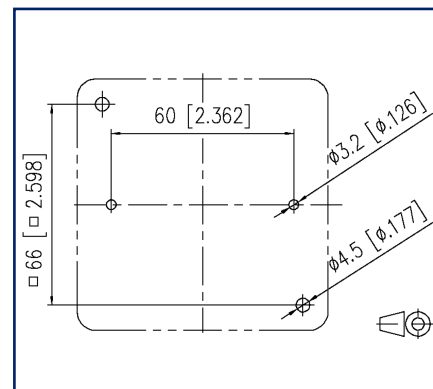
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document

Product specification

- surface-mounted termination unit with one or two 8-pole RJ45 jacks
- certified to GHMT Cat.6 12C-de-embedded
- compliance with class E_A Channel-Link acc. to ISO/IEC 11801-1, DIN EN 50173-1
- tested: Channel-Link up to 500 MHz
- 10 GBit/s Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT suitable
- Alien Next optimized, shielded jacks
- screwing of the strain relief cover and shield connection from the front
- practical cable feed from 8 sides
- 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
- 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
- variants: 1 port, 2 ports
- color variants: traffic white and pure white



P | Cabling

Data sheet

E-DAT C6 1 port AP pure white

Page 2/8

P/N

1307370002-I

EAN 4250184102533

2021/10/08

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.

Labeling option

label window with identification label

Marking option

by dust protection

Transmission characteristics

Category (ISO)

6

Class (ISO/IEC)

E_A

Category (TIA)

6

Remote Powering

yes

PoE

IEEE 802.3af

PoE plus

IEEE 802.3at

UPoE

yes

HDBaseT

yes

Transmission rate up to 10 GBit

IEEE 802.3an

Connections/interfaces

Connector technology interface 1

LSA terminal block

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



P | Cabling

Data sheet

E-DAT C6 1 port AP pure white

Page 3/8

P/N

1307370002-I

EAN 4250184102533

2021/10/08

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
Life - Number of mating cycles	min. 2500
Position/mounting of latch standard installation position	top

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)
RoHS	compliant



P | Cabling

Data sheet

E-DAT C6 1 port AP pure white

Page 4/8

P/N

1307370002-I

EAN 4250184102533

2021/10/08

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

Electromagnetic measurement E2

Certifications

GHMT Type Approval

Component

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) 2035 g

Packaging unit - Weight (pound) 4.49 lb

Packaging dimension 283 mm x 180 mm x 85 mm

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

P | Cabling

Data sheet

Page 5/8

E-DAT C6 1 port AP pure white

P/N

1307370002-I

EAN 4250184102533

2021/10/08

Accessories

P/N	Designation
130829-02-I	Surface mount frame 85 x 85 mm - Single, pure white
816718-0102-I	Cover plate 80 x 80 mm pure white, E-DAT C6
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

E-DAT C6 1 port AP pure white

Page 6/8

P/N

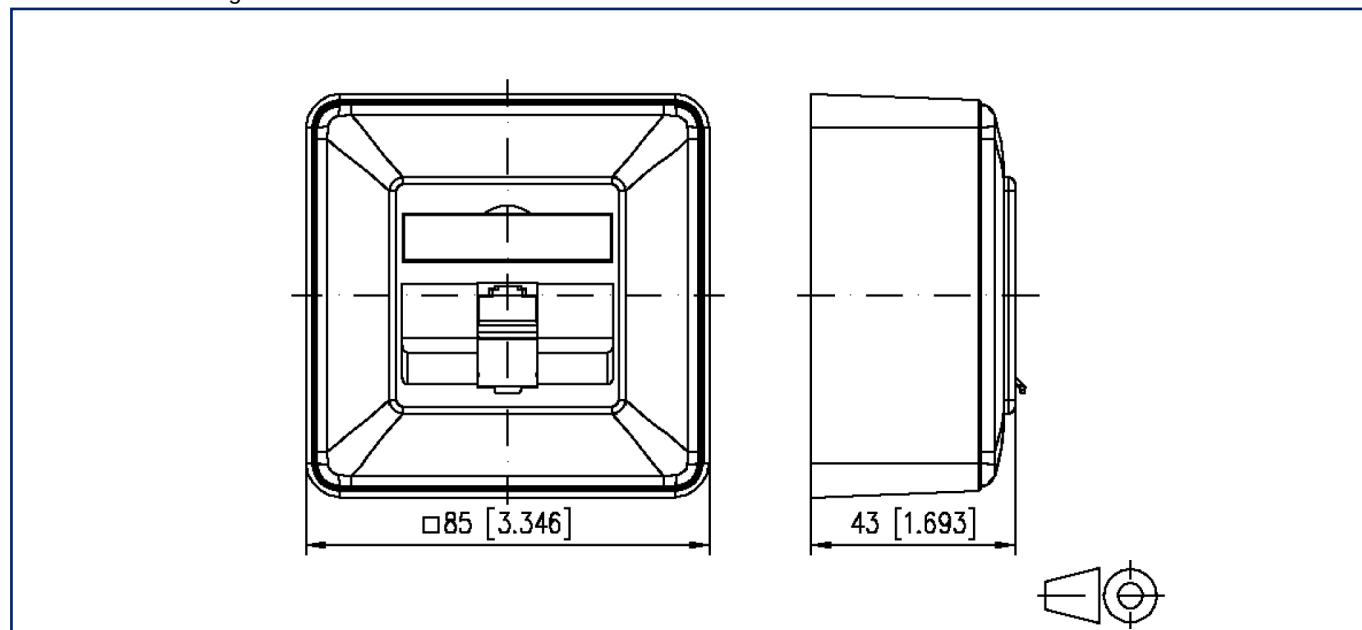
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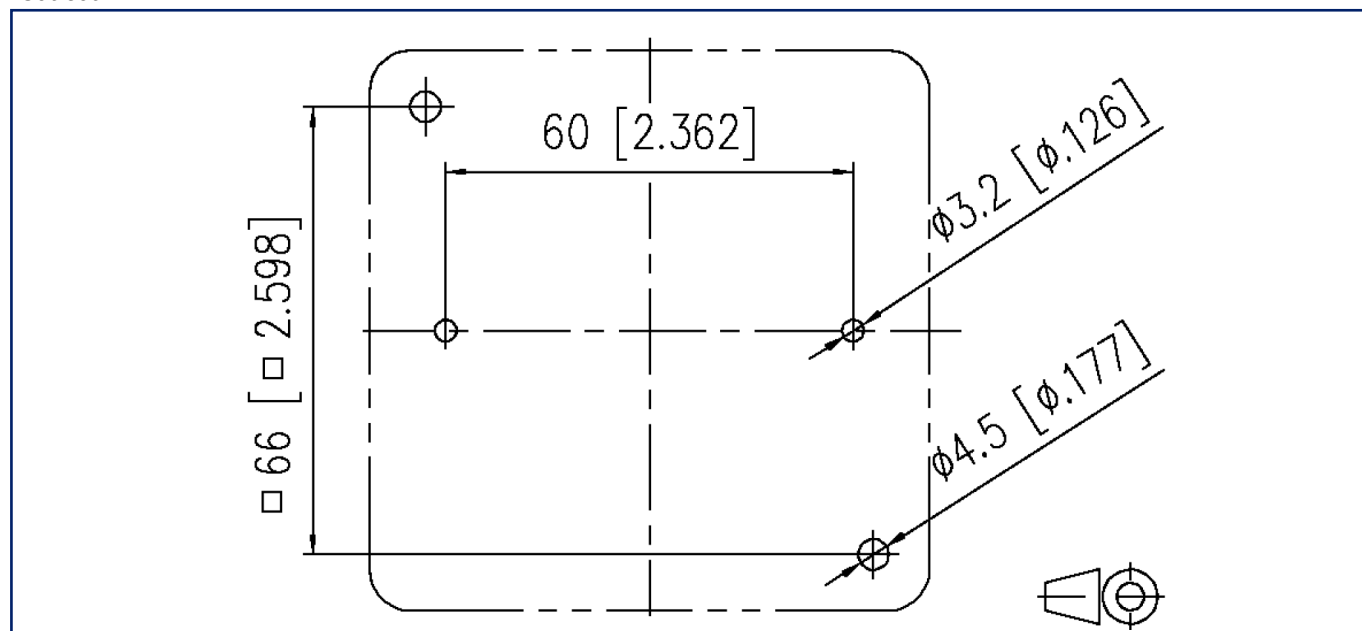
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Illustrations

Dimensional drawing



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P | Cabling

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E-DAT C6 1 port AP pure white

Page 7/8

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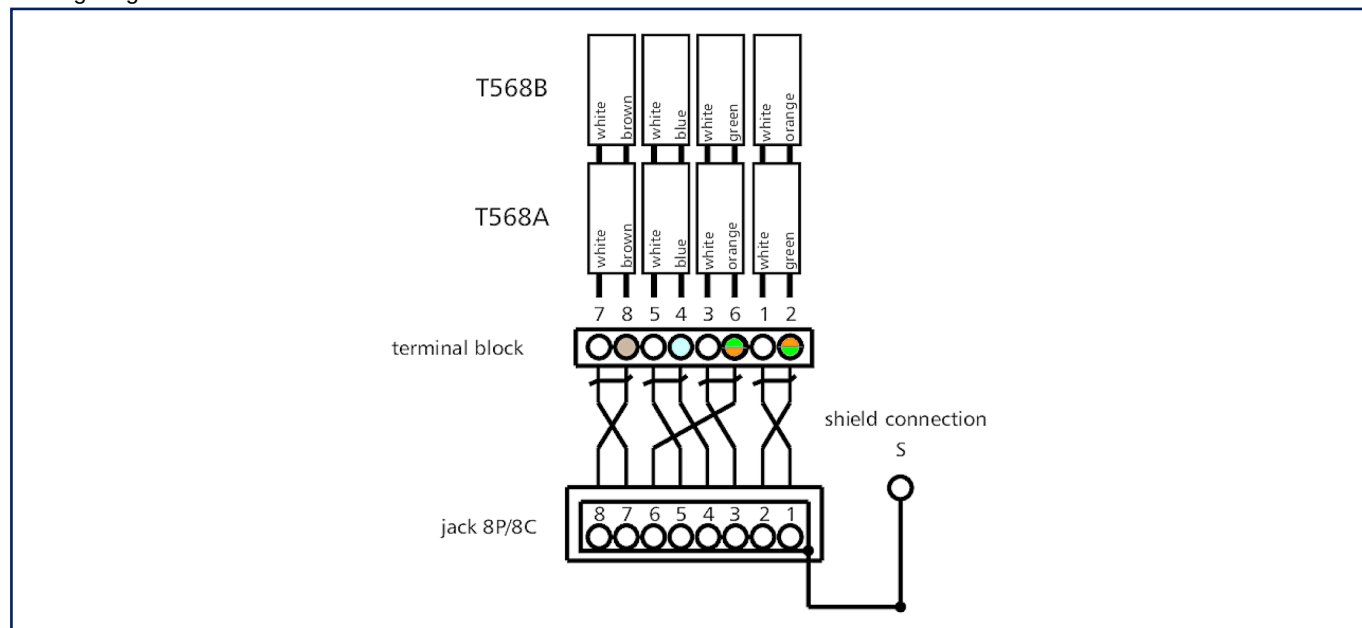
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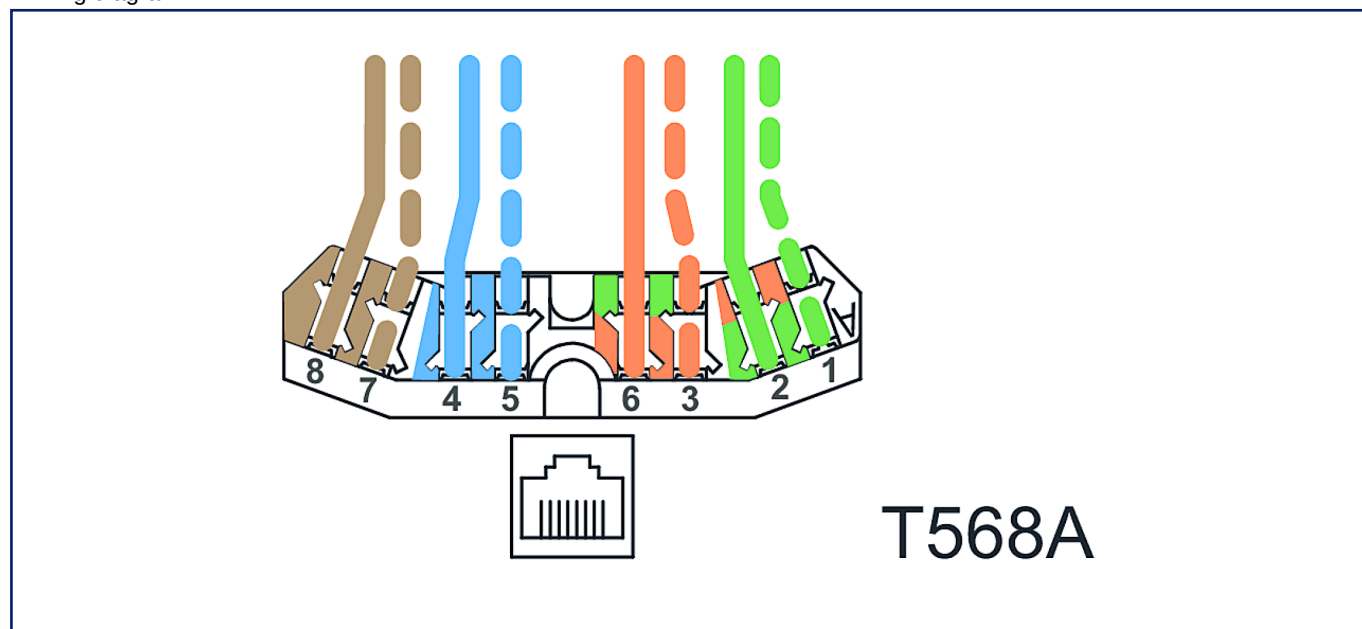
2021/10/08

Illustrations

Wiring diagram



Wiring diagram



P | Cabling

Data sheet

E-DAT C6 1 port AP pure white

Page 8/8

P/N

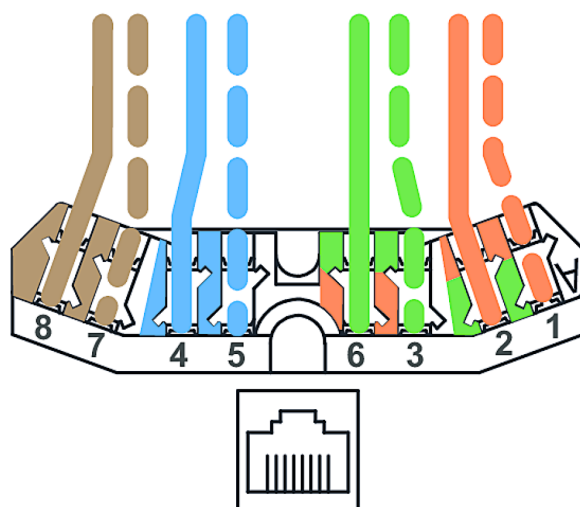
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Illustrations

Wiring diagram



T568B

