

P | Cabling

Data sheet

E-DAT C6_A 1 port AP pure white

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P/N

130C370002-I

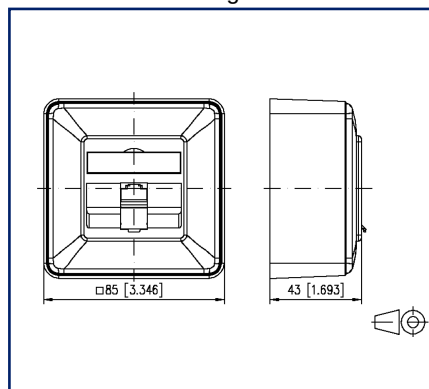
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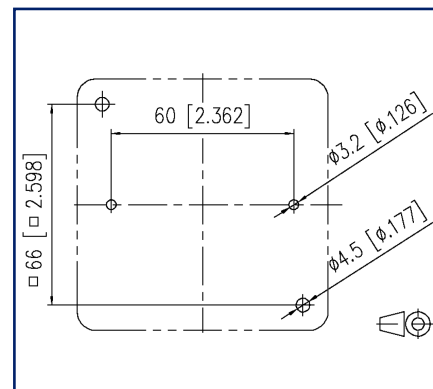
Illustrations



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
- 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 up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: components up to 600 MHz, link up to 800 MHz
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- ergonomically shaped LSA terminal block optimized for HF technology
- screwing of the strain relief cover and shield connection from the front
- connection of data lines AWG 26/1 to 22/1 (solid wire)
- plug direction 45° downwards
- 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), pure white (RAL 9010) or pearl white (RAL 1013) covers
- variants: 1 port - traffic white, 2 ports - traffic white, 1 port - pure white cover, 2 ports - pure white cover



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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 _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	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



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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
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)
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

Electromagnetic measurement E2

Certifications

GHMT Type Approval

Component

The product meets the following standards

Generic cabling systems

General requirements ANSI/TIA-568

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.



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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



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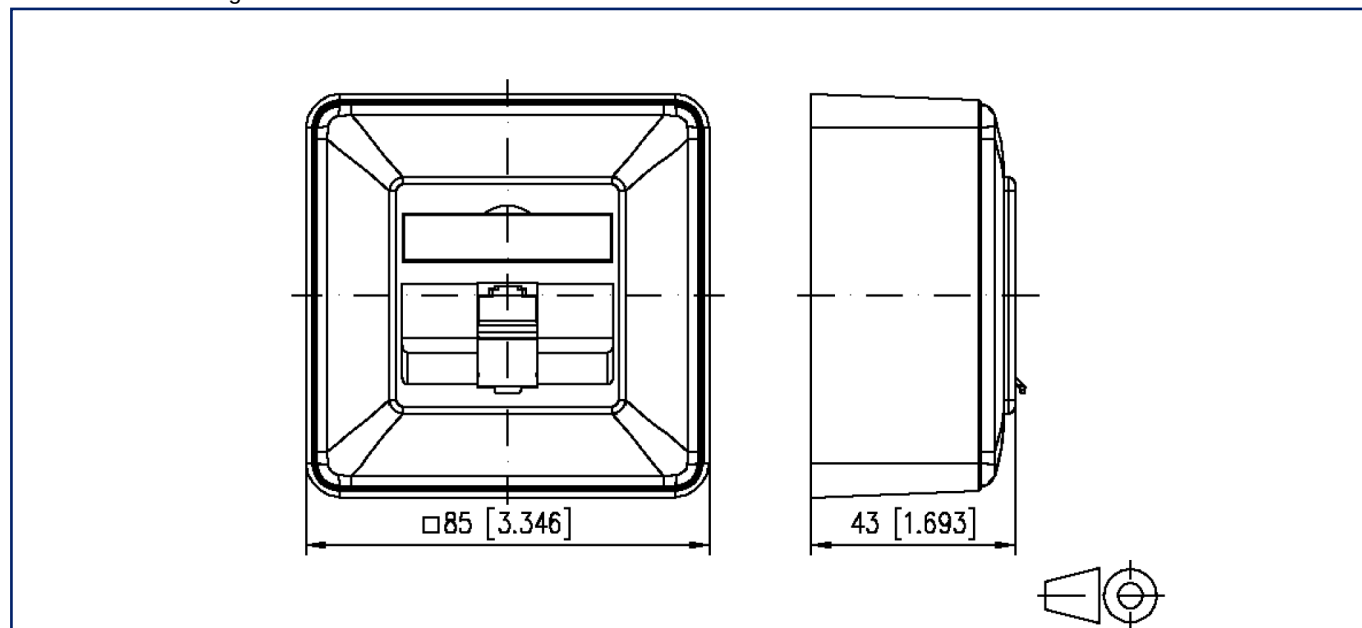
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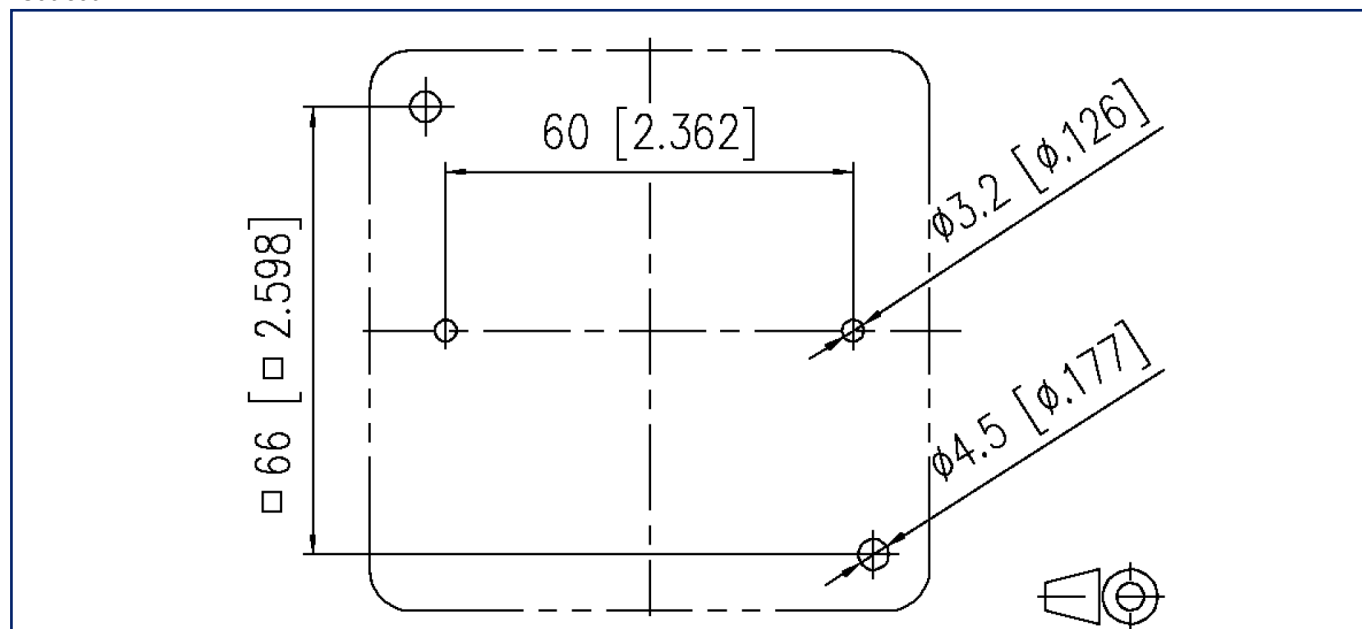
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Dimensional drawing



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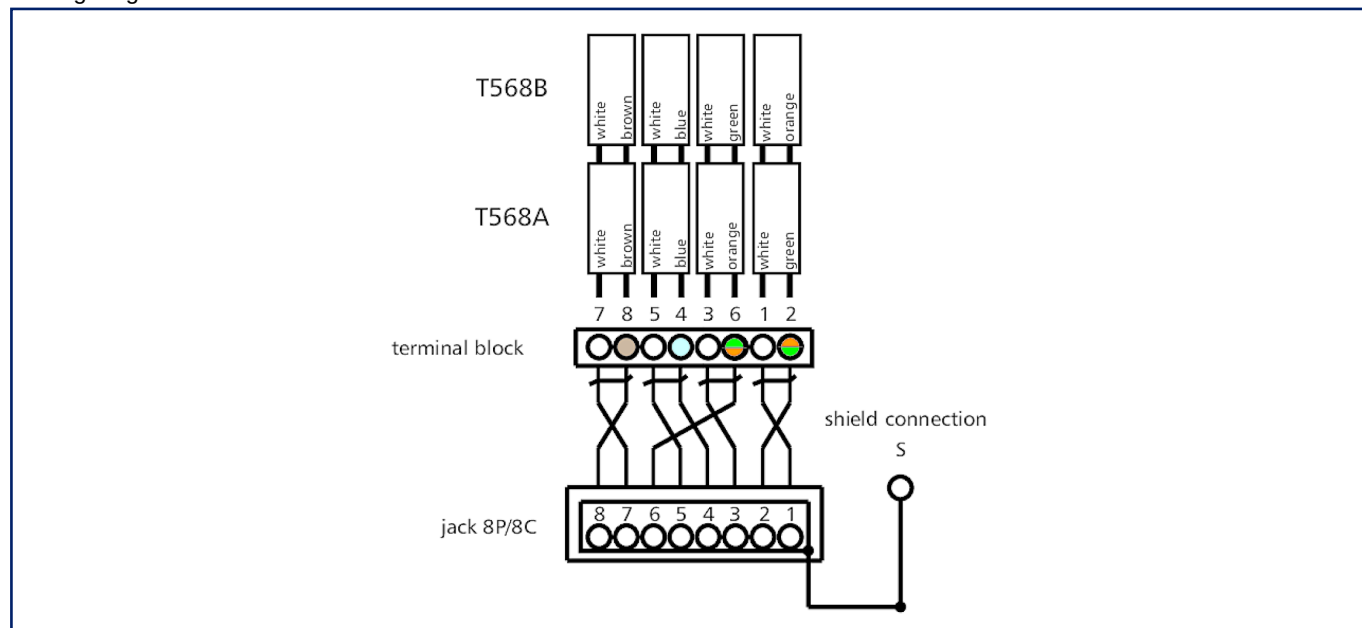
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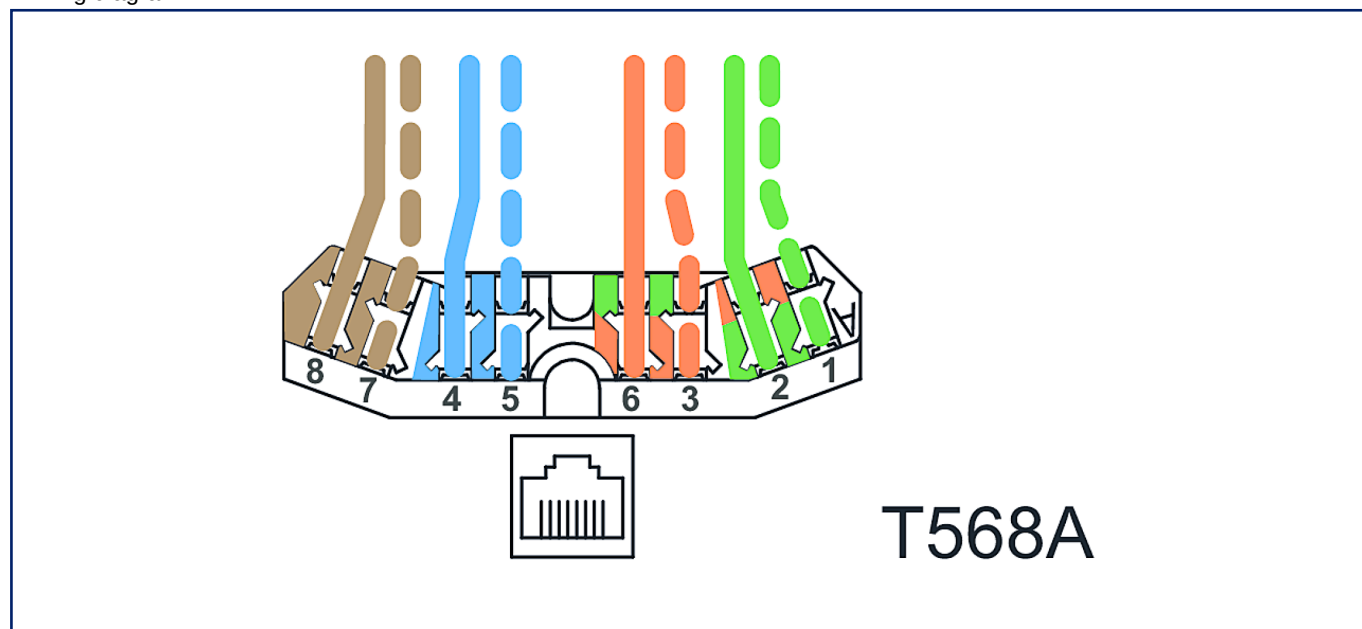
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Illustrations

Wiring diagram



Wiring diagram



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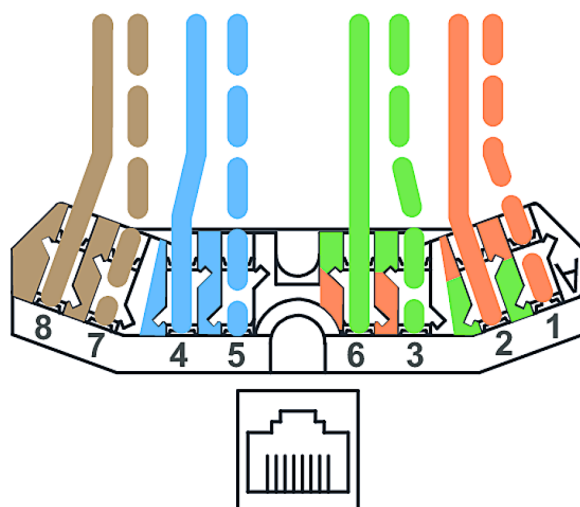
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Illustrations

Wiring diagram



T568B

