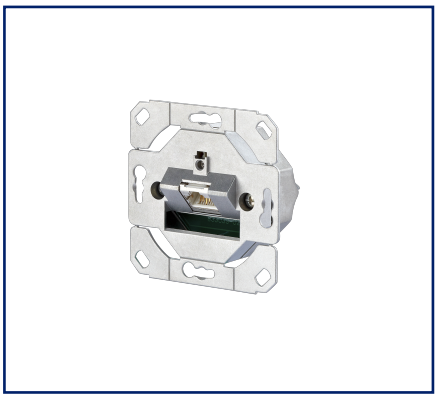
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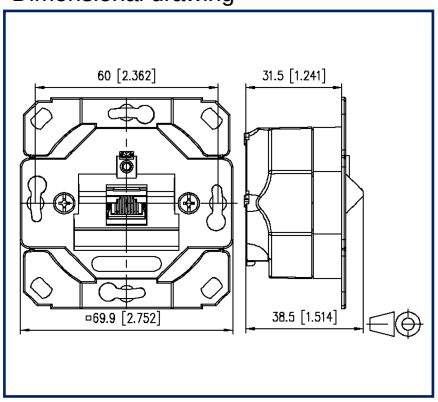
Data sheet
E-DAT C6$_A$ 1 port UP0

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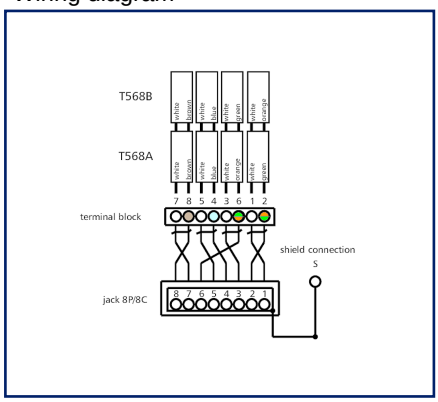
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

- termination unit with one or two 8-pole RJ45 jacks for mounting in cable duct
- 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
- practical cable feed from 8 sides
- connection of data lines AWG 26/1 to 22/1 (solid wire)
- plug direction 45° downwards
- compatible with design central units of switch lines
- suitable for mounting in standard flush-mounted and cavity wall casings
- without cover parts
- variants: 1 port, 2 ports

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Data sheet
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Technical Data

General Data	
Fields of application	
	Office
Design	wall outlet
Mounting style	UP0
Shielding	shielded
Transmission technology	Copper
Color	metallike
Dimensions	
Dimension (L x W x H)	38.5 mm x 69.9 mm x 69.9 mm
Dimension (L x W x H)	1.516 in. x 2.752 in. x 2.752 in.

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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Data sheet
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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.
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	GD-Zn (zinc die-cast)
Material - Supporting frame	GD-Zn (zinc die-cast)
Material - Contact	CuSn (tin bronze)
Material - Contact finish	Ni + Au (nickel-gold)
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

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Technical Data

Environmental conditions	
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)	1375 g
Packaging unit - Weight (pound)	3.03 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
130829-01-I	Surface mount frame 85 x 85 x 35 mm - single, pearl white
130829-02-I	Surface mount frame 85 x 85 mm - Single, pure white
130829-27-I	Surface mount frame 85 x 85 x 35 mm - single, traffic white
130829-4301-I	Surface mount frame 85 x 85 x 43 mm - single, pearl white
130829-4302-I	Surface mount frame 85 x 85 x 43 mm - single, pure white
130829-4327-I	Surface mount frame 85 x 85 x 43 mm - single, traffic 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

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Accessories

816718-0101-I	Cover plate 80 x 80 mm pearl white, E-DAT C6
816718-0102-I	Cover plate 80 x 80 mm pure white, E-DAT C6
816718-0127-I	Cover plate 80 x 80 mm, traffic 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
860056-02-I	Central plate 50 x 50 mm 1 port, pure white, E-DAT C6
860056-27-I	Central plate 50 x 50 mm 1 port, traffic white, E-DAT C6
860056-I	Central plate 50 x 50 mm 1 port, pearl white, E-DAT C6

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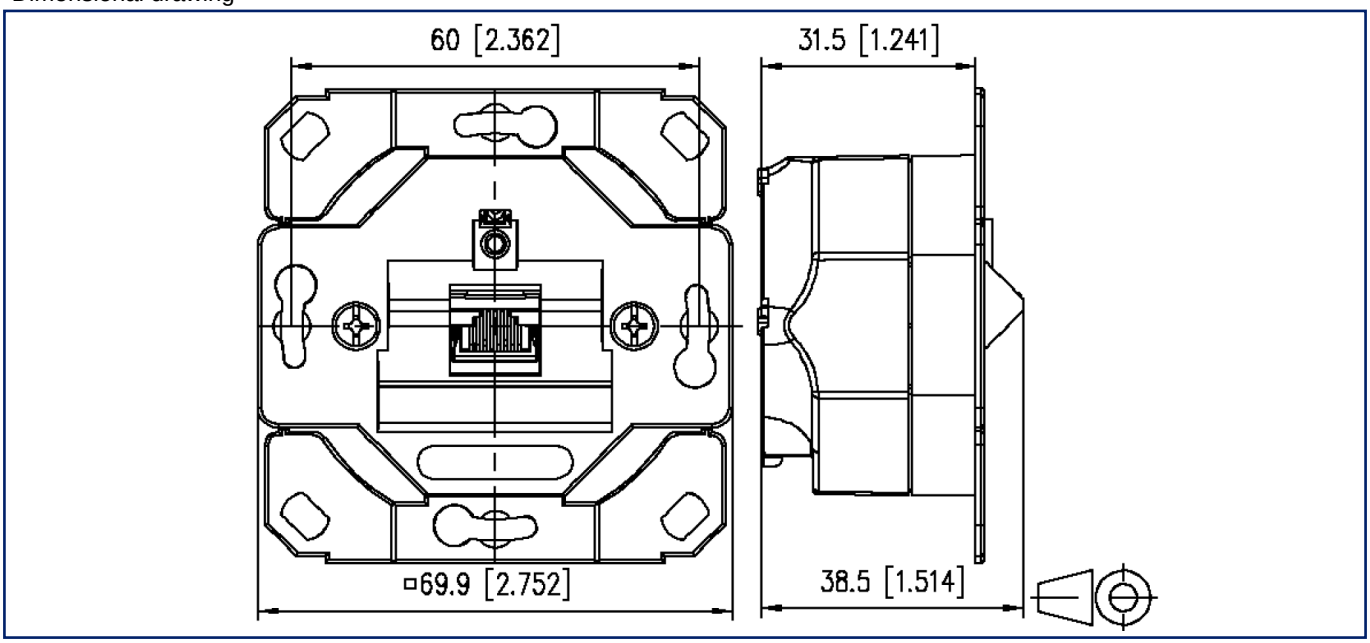
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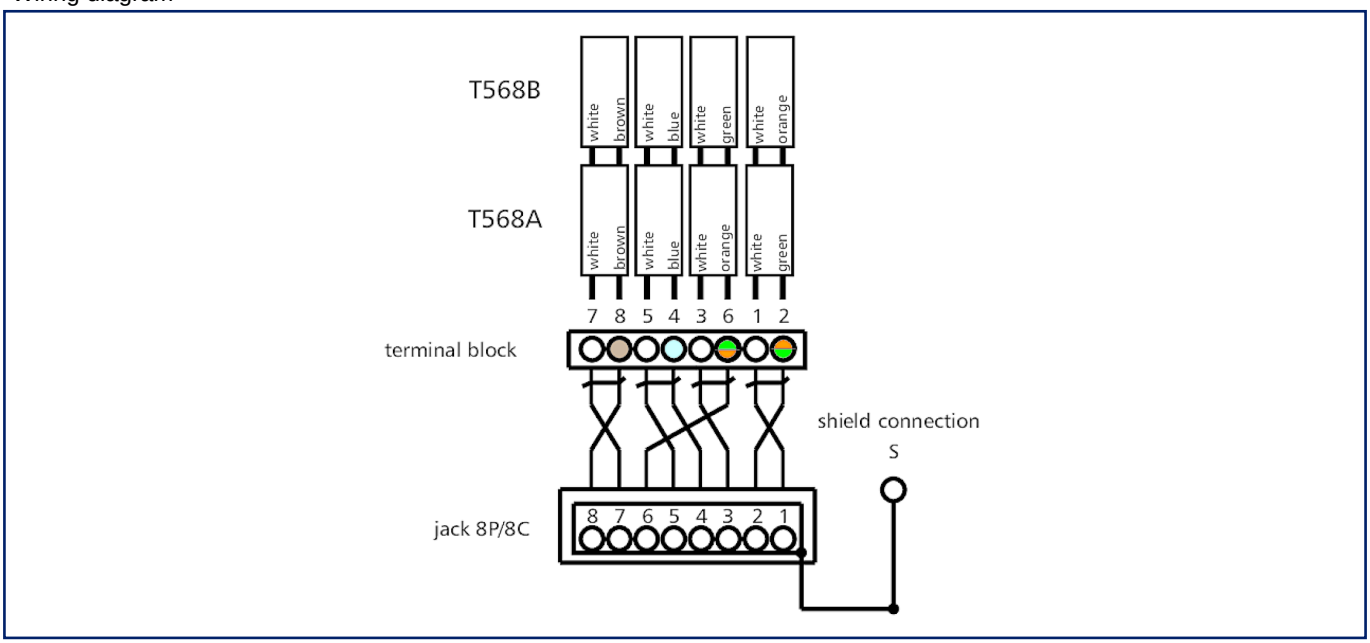
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Illustrations

Dimensional drawing



Wiring diagram



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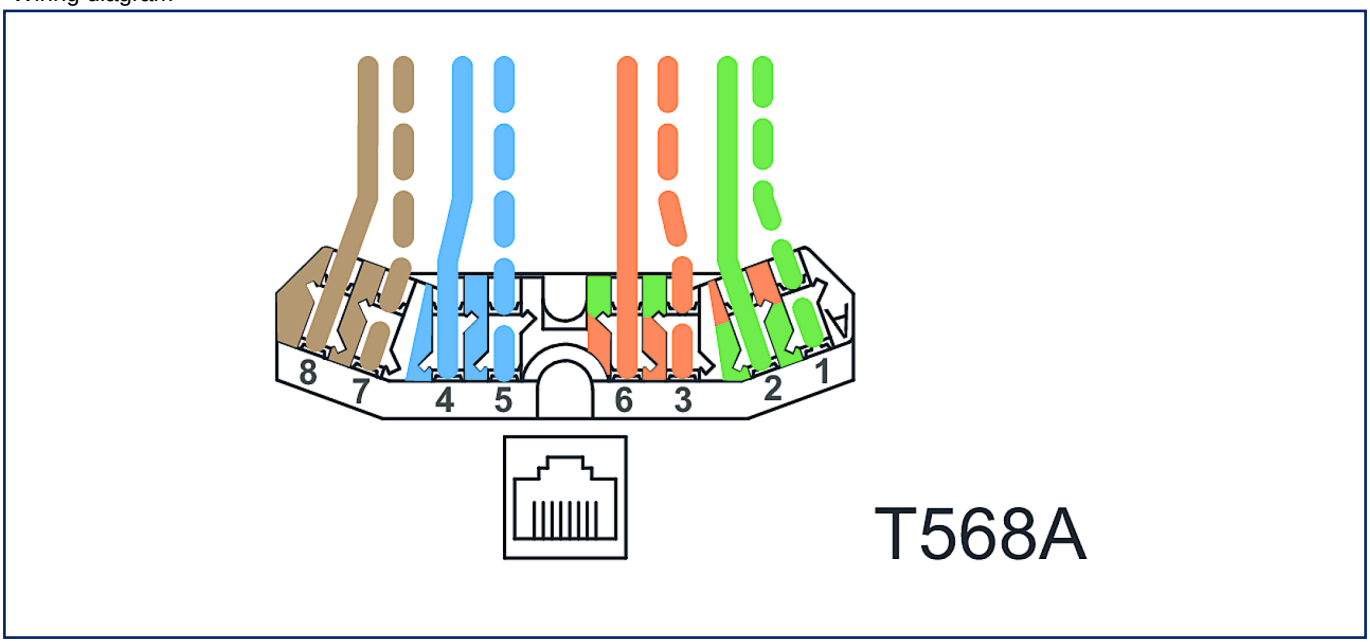
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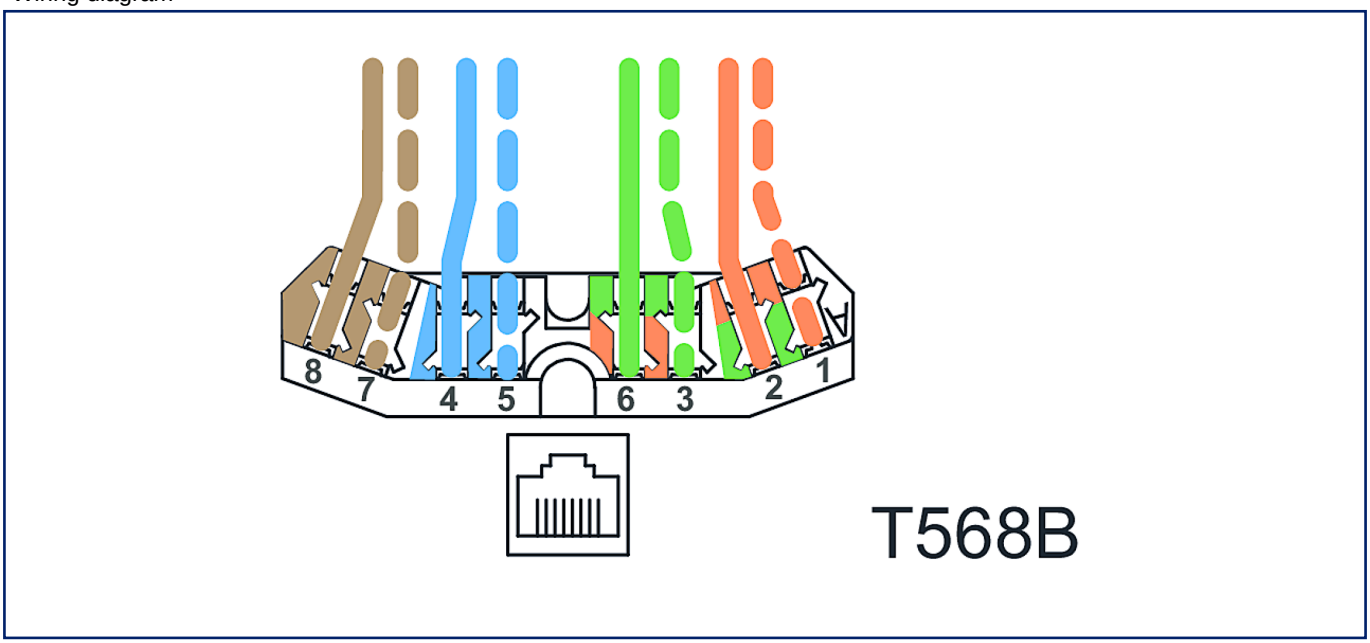
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