

Data sheet

E-DAT C6_A 2 port UP0

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P/N

130C381200-I

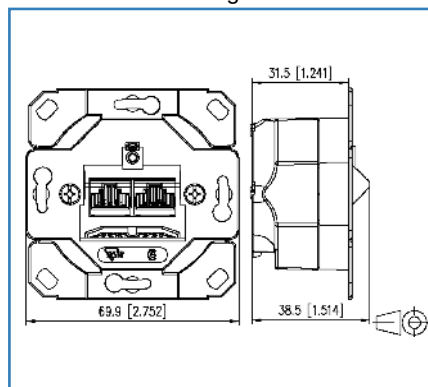
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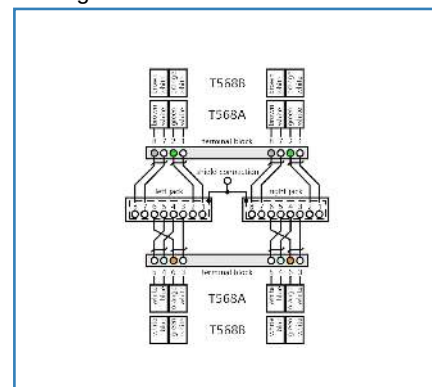
Illustrations



Dimensional drawing



Wiring



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 and UPoE) 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



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)

38.50 x 69.90 x 69.90 mm

Dimension (L x W x H)

1.516 x 2.752 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

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

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



Technical Data

Connections/interfaces

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

Conductor cross section, solid wire	AWG 26/1 - 22/1
Conductor cross section, solid wire	0.128 - 0.324 mm ²
Conductor diameter, solid wire (bare copper)	0.409 - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 - 0.025 in.
Module plug-in direction	45° downwards
Ground connection	2.8 mm flat plug
Shield connection	flexible contact spring

Electrical characteristics

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 characteristics

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)
Material - Finish	Ni (nickel)



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Technical Data

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-40 - 70 °C
Temperature - Storage °F	-40 - 158 °F
Temperature - Operating °C	-40 - 70 °C
Temperature - Operating °F	-40 - 158 °F
Electromagnetic measurement	E ₂

Certifications

GHMT Component



GHMT component - Validity period 28.11.2016

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 TIA/EIA 568-C.2
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01

Classifications

ETIM 5.0	EC001264
ETIM 6.0	EC001264

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	1469.00 g
Packaging unit - Weight (pound)	3.24 lb
Packaging dimension (W x H x D)	283.00 x 180.00 x 85.00 mm
Packaging dimension (W x H x D)	11.142 x 7.087 x 3.346 in.

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Accessories

P/N	Designation
130829-01-I	Surface mount frame 85 x 85 mm - Single, pearl white
130829-02-I	Surface mount frame 85 x 85 mm - Single, pure white
1308895010-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau waagrecht 50 mm, ohne Trennschale
1308895011-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau waagrecht 50 mm, mit Trennschale
1308895020-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 50 mm, ohne Trennschale
1308895021-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 50 mm, mit Trennschale
1308895040-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau senkrecht 50 mm, ohne Trennschale
1308895041-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau senkrecht 50 mm, mit Trennschale
1308895220-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 52 mm, ohne Trennschale
1308895221-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 52 mm, mit Trennschale
1308895510-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau waagrecht 55 mm, ohne Trennschale
1308895511-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau waagrecht 55 mm, mit Trennschale
1308895520-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 55 mm, ohne Trennschale
1308895521-I	Montagehalter für Anschlussdosen Tragschienenbefestigung - Einbau waagrecht 55 mm, mit Trennschale
1308895540-I	Montagehalter für Anschlussdosen T-Nut-Befestigung - Einbau senkrecht 55 mm, ohne Trennschale
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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
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
130889FKH-I	Mounting bracket FR for Kleinhuis
130889FNI-I	Mounting bracket FR for Niedax
130889FTE-I	Mounting bracket FR for Tehalit
130889ADTK-I	Mounting bracket ADTK for OBO
130889ADTSA-I	Mounting bracket ADTSA for OBO
130829-4301-I	Surface mount frame 43x85x85 pearl white
130829-4302-I	Surface mount frame 43x85x85 pure white

P | Cabling

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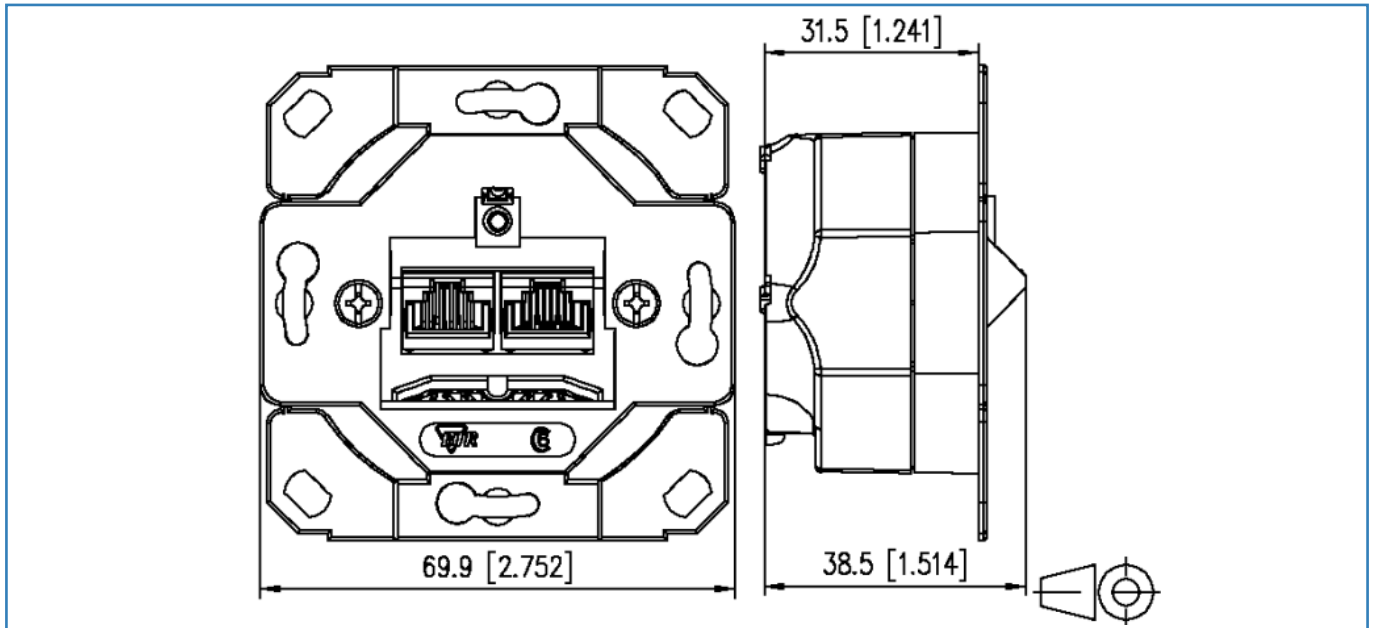
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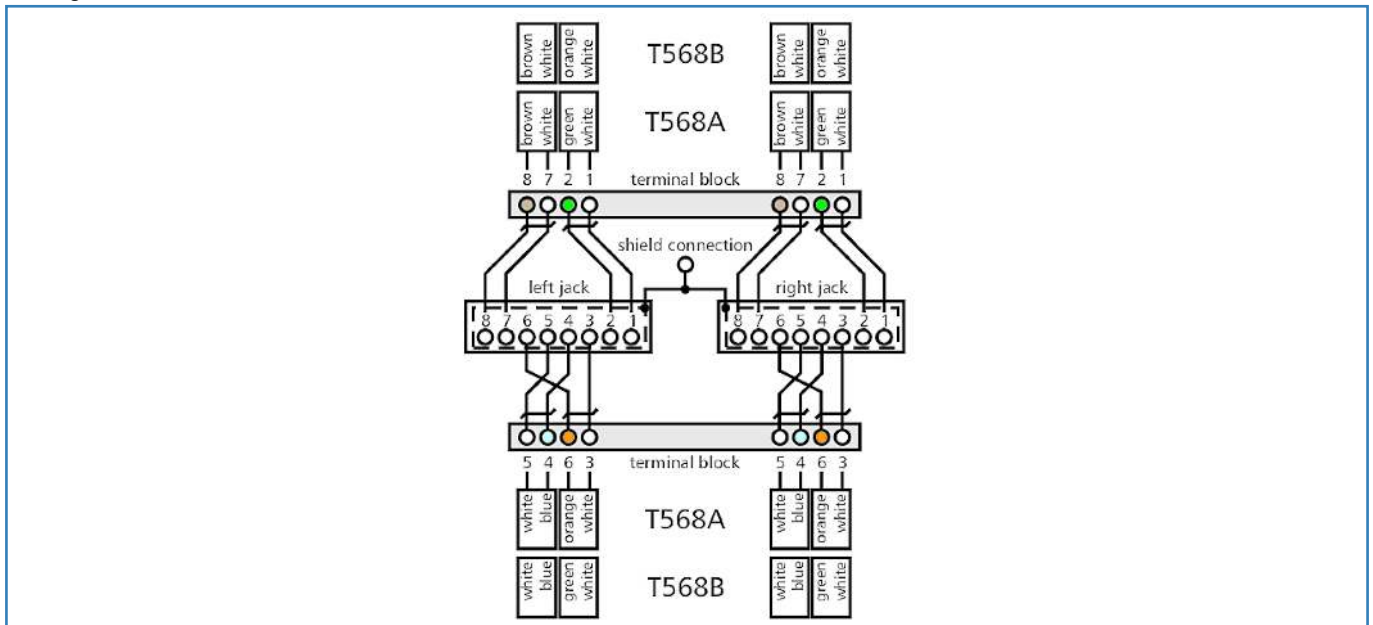
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