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Data sheet

DCCS2 subassembly C6_A MTC1

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130D2CM1-E

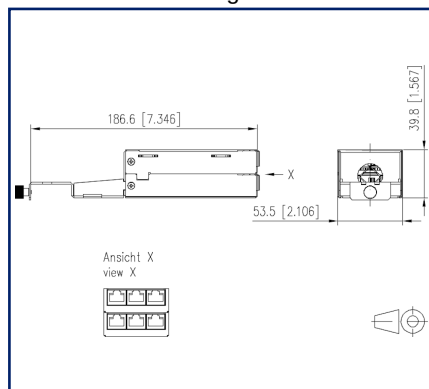
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2021/10/08

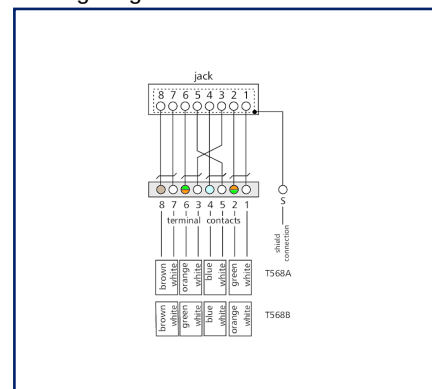
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

- 6 port RJ45 subassembly to mount one 24-pair installation cable AWG26 or AWG23
- 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 by 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, certified by GHMT
- 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
- Alien Next optimized, shielded jacks
- the locking levers of patch cords connected to DCCS2 subassemblies show upwards and are easy to handle at any time
- connection of one data cable AWG 26/1 to 22/1 (solid wire) to LSA IDC terminal blocks
- marking of conductor assignment to T568A
- solid and refined assembly housing
- shield tap for installation cable separate from strain relief
- mounting version: DCCS2



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Technical Data

General Data

Design	subassembly / assembly / module / unit
Mounting style	DCCS
Shielding	shielded
Transmission technology	Copper
Wiring	T568A
Dimensions	
Dimension (L x W x H)	186.6 mm x 53.5 mm x 39.8 mm
Dimension (L x W x H)	7.346 in. x 2.106 in. x 1.567 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	6
Number of ports interface 2 equipped	6
Number of positions/contacts interface 2	6 x 8P/8C
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.



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Technical Data

Mechanical data

Position/mounting of latch standard installation position	top
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Materials and material properties

Material - Assembly housing	sheet steel
Material - Assembly housing finish	Zn (zinc)
Material - Jack contact	CuSn (tin bronze)
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Terminal block contact	CuZn
Material - Terminal block contact finish	Sn (tin)
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

The product meets the following standards

Generic cabling systems	
General requirements	ISO/IEC 11801-1 DIN EN 50173-1 ANSI/TIA-568-C.2
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01

Classifications

ETIM 5.0	EC002697
ETIM 6.0	EC002697
ETIM 7.0	EC002697
ETIM 8.0	EC002697



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Technical Data

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	320 g
Packaging unit - Weight (pound)	0.71 lb
Packaging dimension	230 mm x 60 mm x 45 mm
Packaging dimension	9.055 in. x 2.362 in. x 1.772 in.



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Accessories

P/N	Designation
130D2B1B-E	DCCS2 BGT 19 inch 1RU subrack black
130D2B1G-E	DCCS2 BGT 19 inch 1RU subrack light gray

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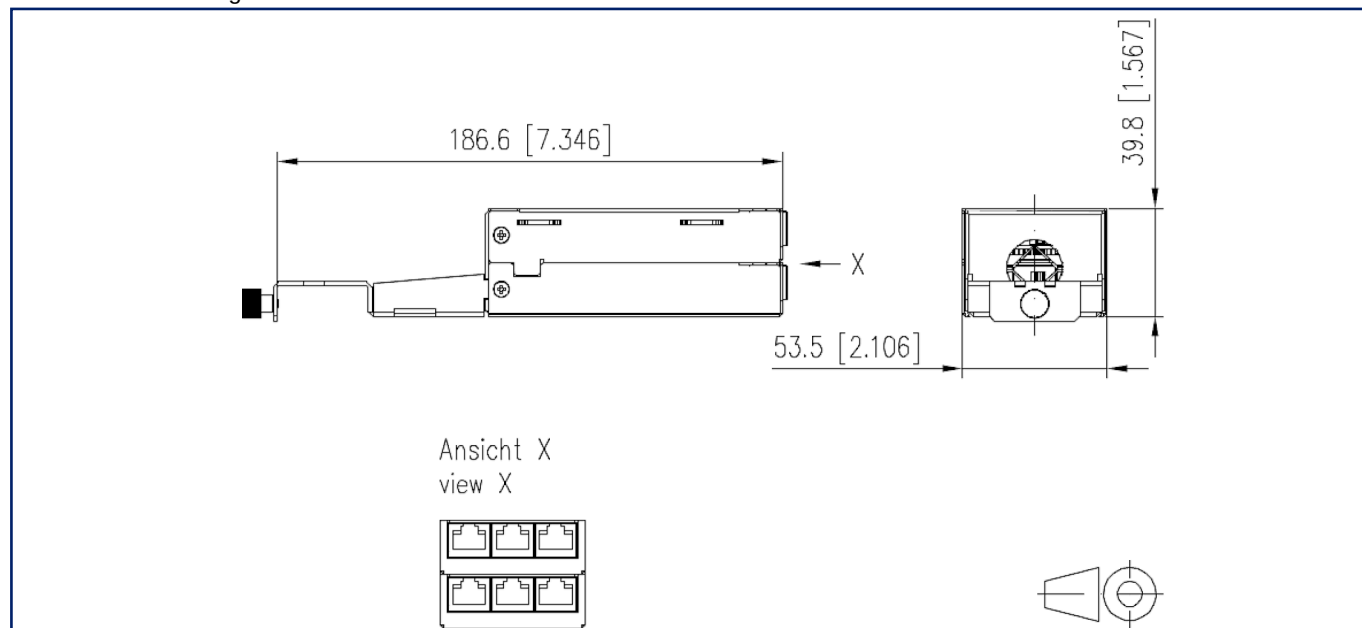
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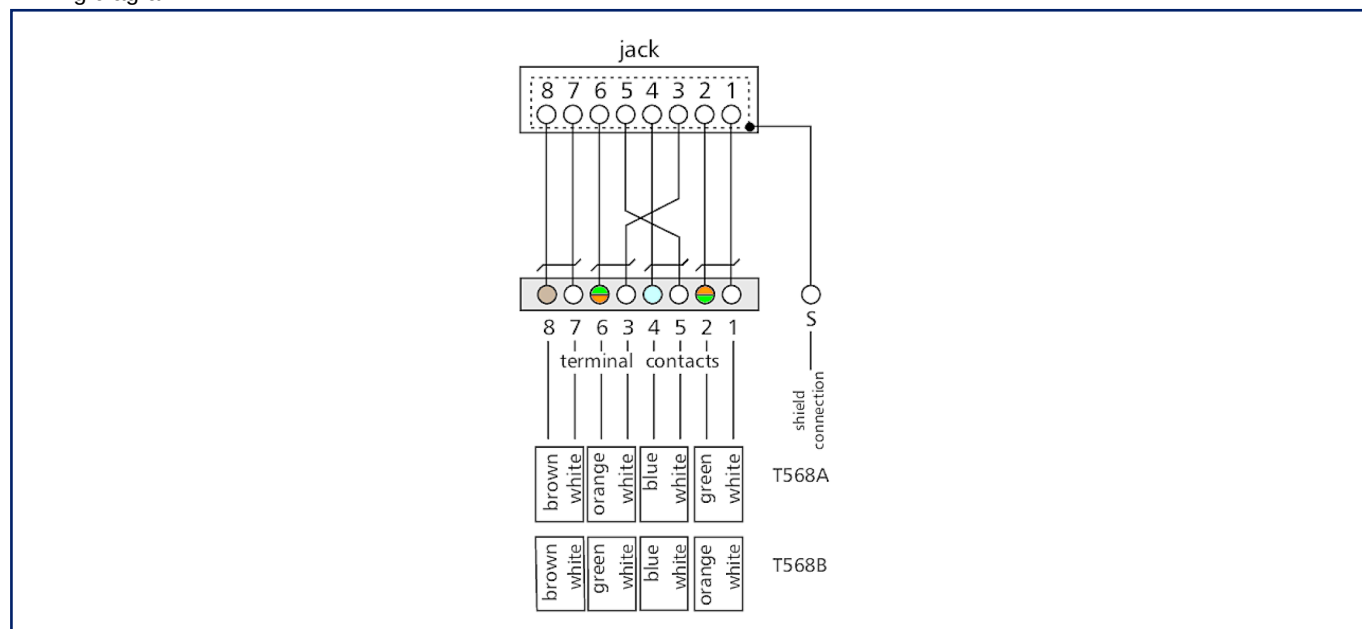
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Illustrations

Dimensional drawing



Wiring diagram



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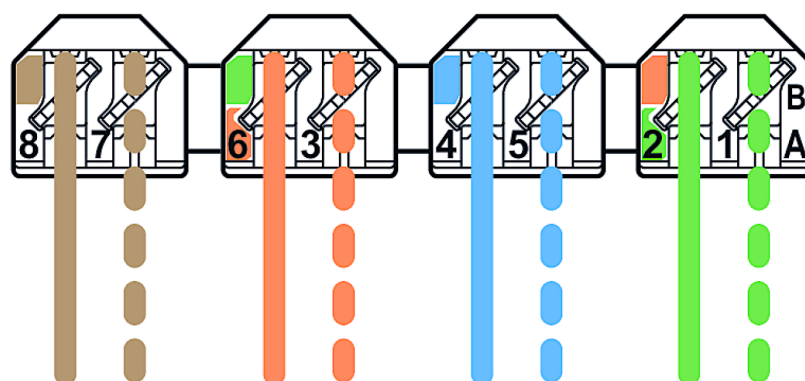
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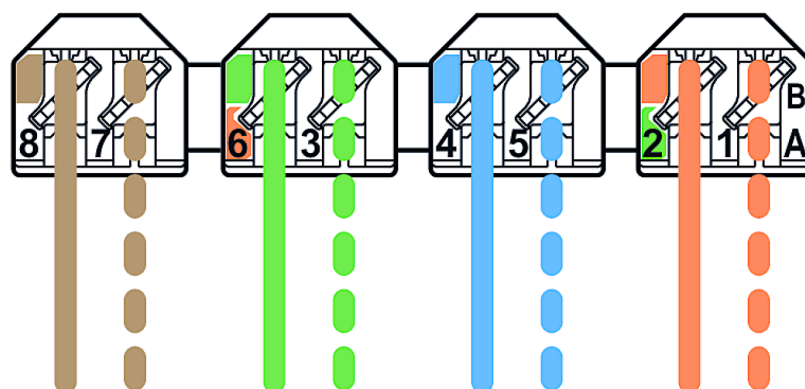
Illustrations

Wiring diagram



T568A

Wiring diagram



T568B

