

Data sheet

DCCS2 subassembly C6_A MTC1

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P/N

130D2CM1-E

EAN 4250184153757

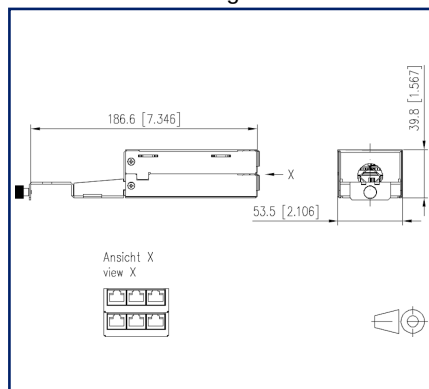
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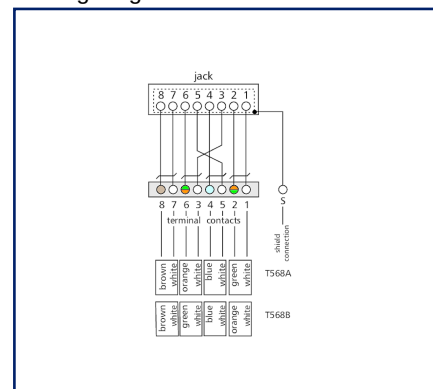
Illustrations



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
- Cat.6_A component test according to ISO/IEC 11801, ANSI/TIA-568.2-D and IEC 60603-7-51, GHMT certified
- compliance with class E_A up to 500 MHz according to ISO/IEC 11801, GHMT certified
- 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

Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E2
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



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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.

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
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Terminal block contact	CuZn
Material - Terminal block contact finish	Sn
Halogen free	yes
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

Certifications

GHMT Type Approval



Component



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Technical Data

Standards/Regulations

Generic cabling systems

General requirements	ISO/IEC 11801-1 DIN EN 50173-1 ANSI/TIA-568-C.2
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Connectors for electronic equipment

Free and fixed connectors	DIN EN 60603-7-51:2011-01
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Classifications

ETIM 7.0	EC002697
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ETIM 8.0	EC002697
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ETIM 9.0	EC002697
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ETIM 10.0	EC002697
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Packing details

Type of packaging	1 pc(s) / box
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Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.



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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
130D2B2B-E	DCCS2 BGT 19 inches 1RU subrack black
130D2B2G-E	DCCS2 BGT 19 inches 1RU subrack light gray



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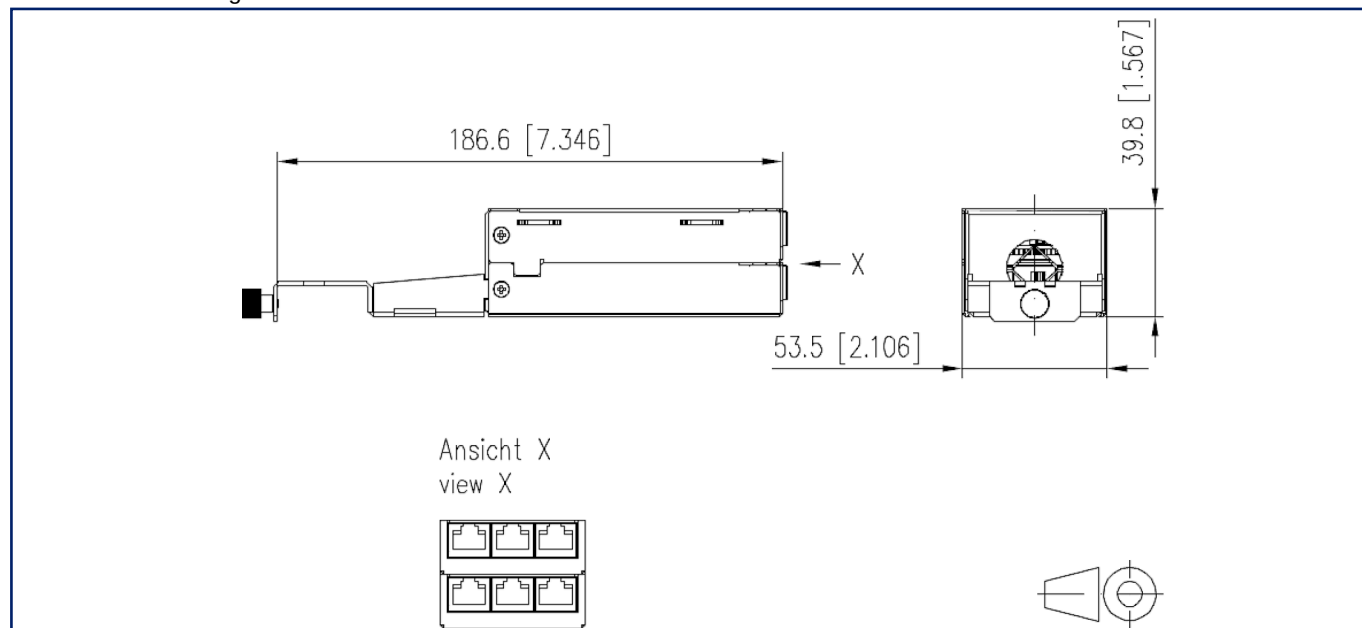
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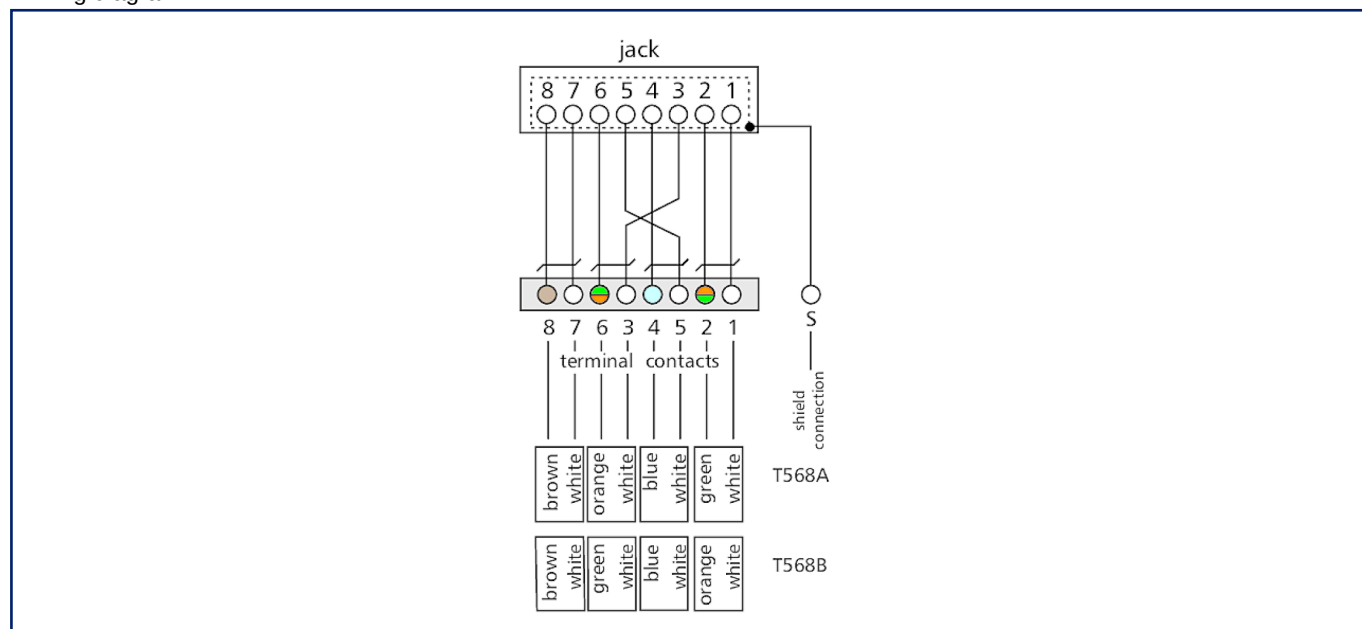
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Illustrations

Dimensional drawing

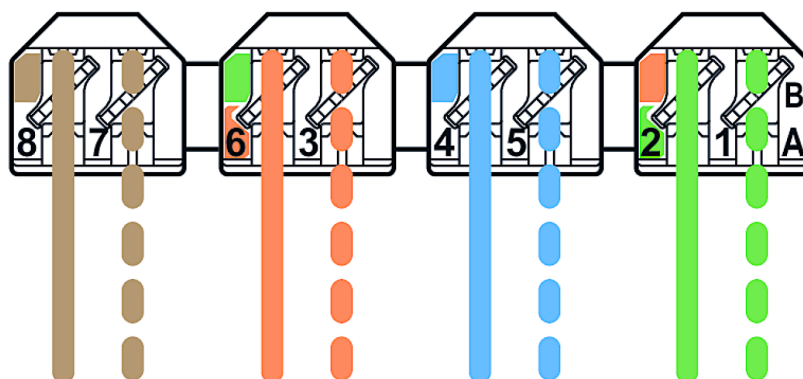


Wiring diagram



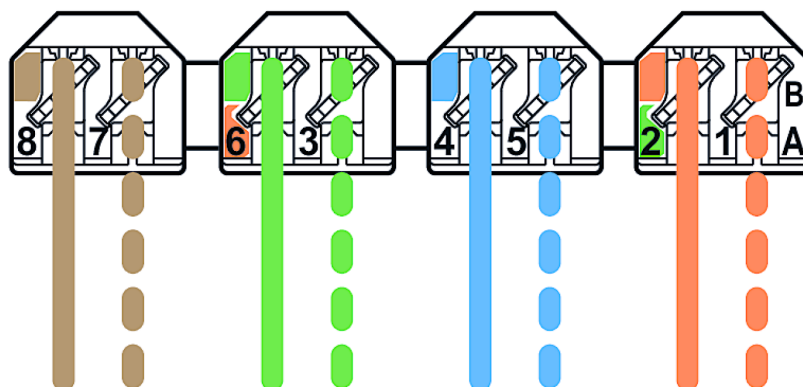
Illustrations

Wiring diagram



T568A

Wiring diagram



T568B

