Data sheet

E-DAT $C6_A$ 1 port flush mounted trunking installation pure white

P/N 130C371102-I

EAN 4250184116189

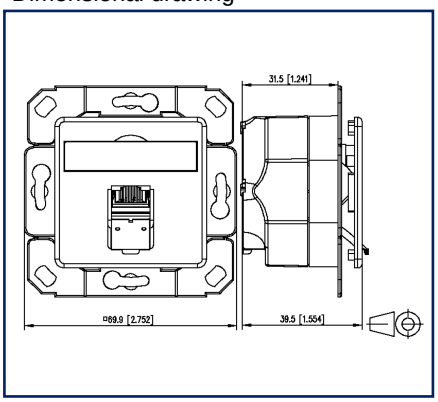
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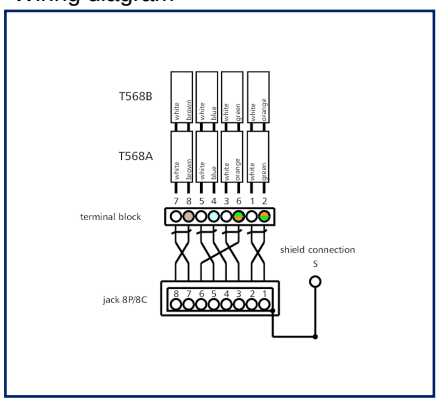
Illustrations



Dimensional drawing



Wiring diagram



See enlarged drawings at the end of document

Product specification

Compact wall outlet for the construction of a passive network infrastructure with the highest quality requirements. The junction box is suitable for connecting telephones up to 10 Gbit networks and power supply with PoE with up to 90W. The installer can connect the very robust zinc die-cast wall outlet very easily and in the shortest possible time with an LSA installation tool without errors. In addition to the permanent quality control during production, independent test laboratories confirm the very good quality with various certificates. The wall outlets are supplied in retail-friendly, separable cardboard packaging with 10 pieces each.

- variants, mounting type: AP, UP, UPk, UP0
- variants, number of ports: 1, 2

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Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

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EAN 4250184116189

2026/08/28

Version: AO

Technical Data

General Data

Fields of application	structured building cabling office areas Distributed building services
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	wall outlet
Mounting style	UPk
Mounting in standard flush-mounted and cavity wall cups	yes
Shielding	shielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	pure white - RAL 9010
Compatible with design centerpieces of switch programs	yes, see compatibility list
Dimensions	
Dimension (L x W x H)	39.5 mm x 69.9 mm x 69.9 mm
Dimension (L x W x H)	1.555 in. x 2.752 in. x 2.752 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
SAT-IP	yes

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P/N 130C371102-I
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2026/08/28
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Technical Data

Transmission characteristics	
AVoverIP	yes
Transmission rate up to 100 MBit (Fast Ethernet)	IEEE 802.3bw
Transmission rate up to 1 GBit (Fast Ethernet)	IEEE 802.3ab
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 positions/contacts interface 1	8
Number of positions/contacts interface 2	8P/8C
Number of ports with dust protection interface 2	1
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.
Cable sheath diameter (min. - max.)	
Cable sheath diameter	5.5 mm - 10
Cable sheath diameter	0.197 in. - 0.394
Module plug-in direction	45° downwards
Cable access/outlet	8 directions
Ground connection	6.3 mm flat plug
Shield connection	flexible contact spring
Electrical/ optical properties	
Current carrying capacity	max. 1 A at 60 °C
Rated voltage	max. 60 V DC
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC
Dielectric strength conductor-conductor, peak value (secondary)	max. 1.000 V AC

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2026/08/28
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Technical Data

Electrical/ optical properties	
Dielectric strength conductor-shield	max. 1500 V DC
Dielectric strength conductor-shield, peak value	max. 1500 V AC
Mechanical data	
Insertion and withdrawal force	max. 30 N
Life - Number of mating cycles	min. 750
Position/mounting of latch standard installation position	top
strain relief	housing flap
Materials and material properties	
Material - Housing	Plastics
Material - Cover part(s)	ABS
Material - Supporting frame	GD-Zn
Material - Label window	ABS, transparent
Material - Dust protection	ABS
Material - Contact	Hyper Ph-Br
Material - Contact finish	AuCo
Material - Shield	CuSn6
Material - Shield finish	tinned
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
IP class	IP20

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EAN 4250184116189
2026/08/28
Version: AO

Technical Data

Certifications	
GHMT Type Approval	Component
Standards/Regulations	
Generic cabling systems	
General requirements	ISO/IEC 11801-1:2017-11 | DIN EN 50173-1:2018-10 ANSI/TIA-568.2-D
Office buildings	ISO/IEC 11801-2:2017-11 | DIN EN 50173-2:2018-10 ANSI/TIA-568.2-D
Living units	ISO/IEC 11801-4:2017-11 | DIN EN 50173-4:2018-10 ANSI/TIA-570-D
Distributed building services	ISO/IEC 11801-6:2017-11 | DIN EN 50173-6:2018-10 ANSI/TIA-862-B
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01, DIN EN 60603-7:2019-11, DIN EN 60603-7-1:2012-01
Connectors for electronic equipment - Tests and measurements	
Test standard for connectors (engaging and separating connectors under electrical load)	DIN-EN 60512-99-001, DIN-EN 60512-99-002
Endurance tests	DIN EN 60603-7:2019-11, DIN EN 60603-7-1:2012-01
Degrees of Protection Provided by Enclosures	IEC 60529
Climate tests	DIN EN 60603-7:2019-11, DIN EN 60603-7-1:2012-01
Cover plates for installation devices 1	DIN 49075-1:1989-10
Cover plates for installation devices 2	DIN 49075-2:1989-10
Classifications	
ETIM 7.0	EC001264
ETIM 8.0	EC001264
ETIM 9.0	EC001264
ETIM 10.0	EC001264

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EAN 4250184116189
2026/08/28
Version: AO

Technical Data

Packing details

Type of packaging	10 pc(s) / box

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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2026/08/28
Version: AO

Accessories

P/N	Designation
130829-02-I	Surface mount frame 85 x 85 x 35 mm - Single, pure white
130829-4302-I	Surface mount frame 85 x 85 x 43 mm - single, pure white
1308895010-I	T-Slot mounting bracket for wall outlets - horizontal mounting without 50 mm, 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
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

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2026/08/28
Version: AO

Accessories

820394-0107-I	Dust protection covers for wall outlets green
820394-0108-I	Dust protection covers for wall outlets red
820466-0102-I	Cover plate 80.5 x 151.5 mm 2-fold pearl white, E-DAT C6
899650-01	Label sheet for wall outlets

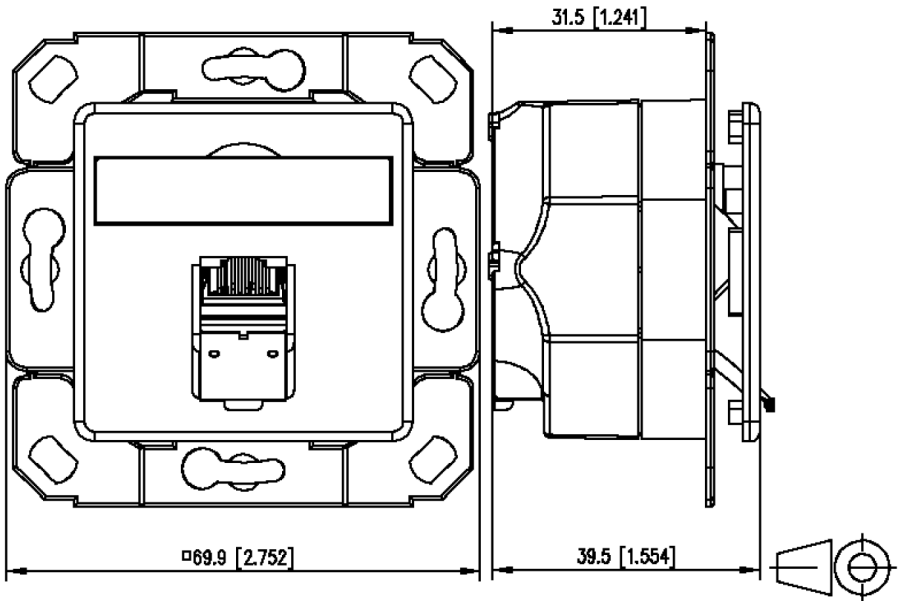
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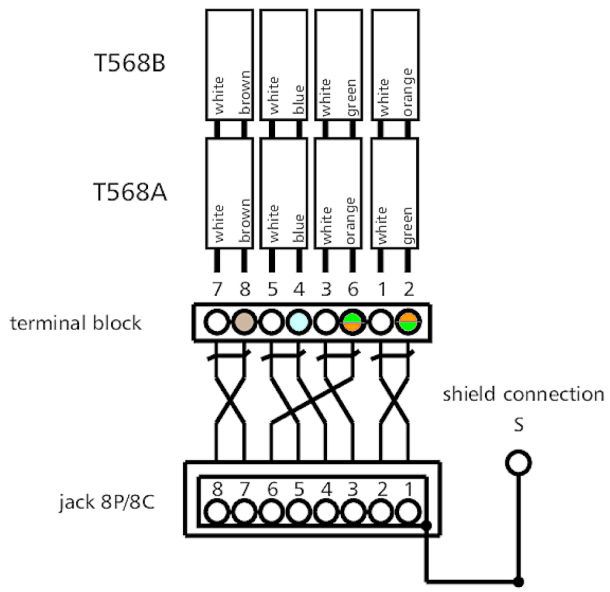
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Illustrations

Dimensional drawing



Wiring diagram



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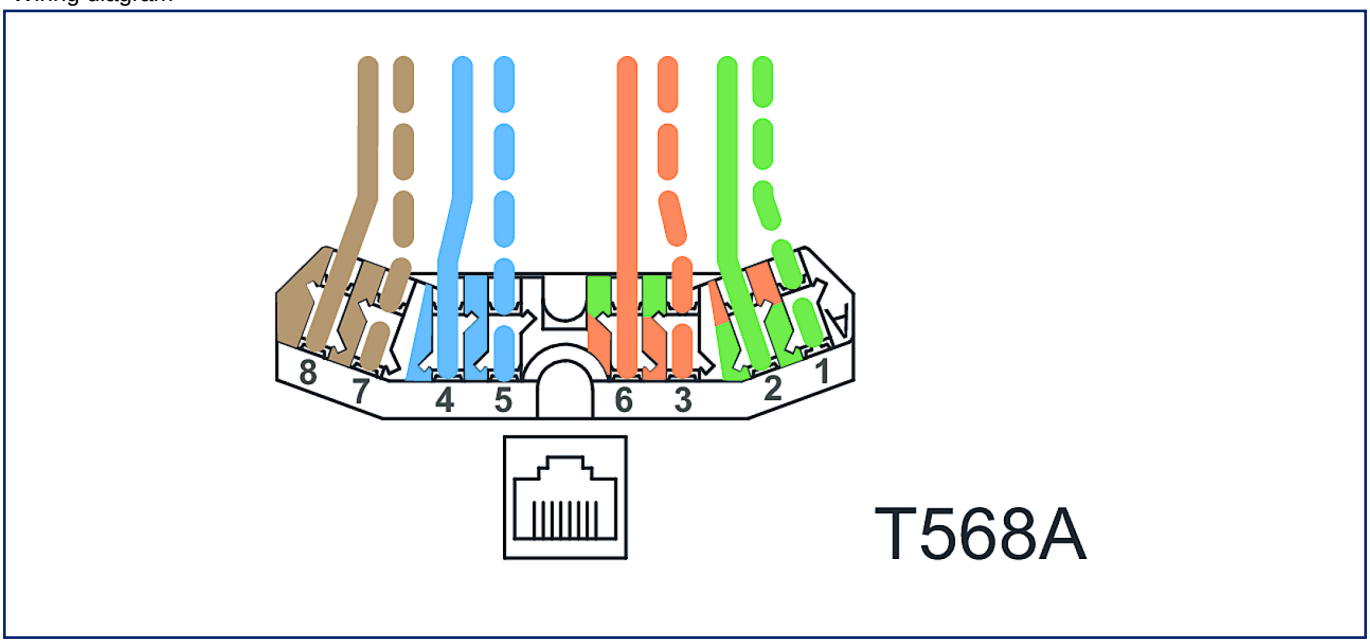
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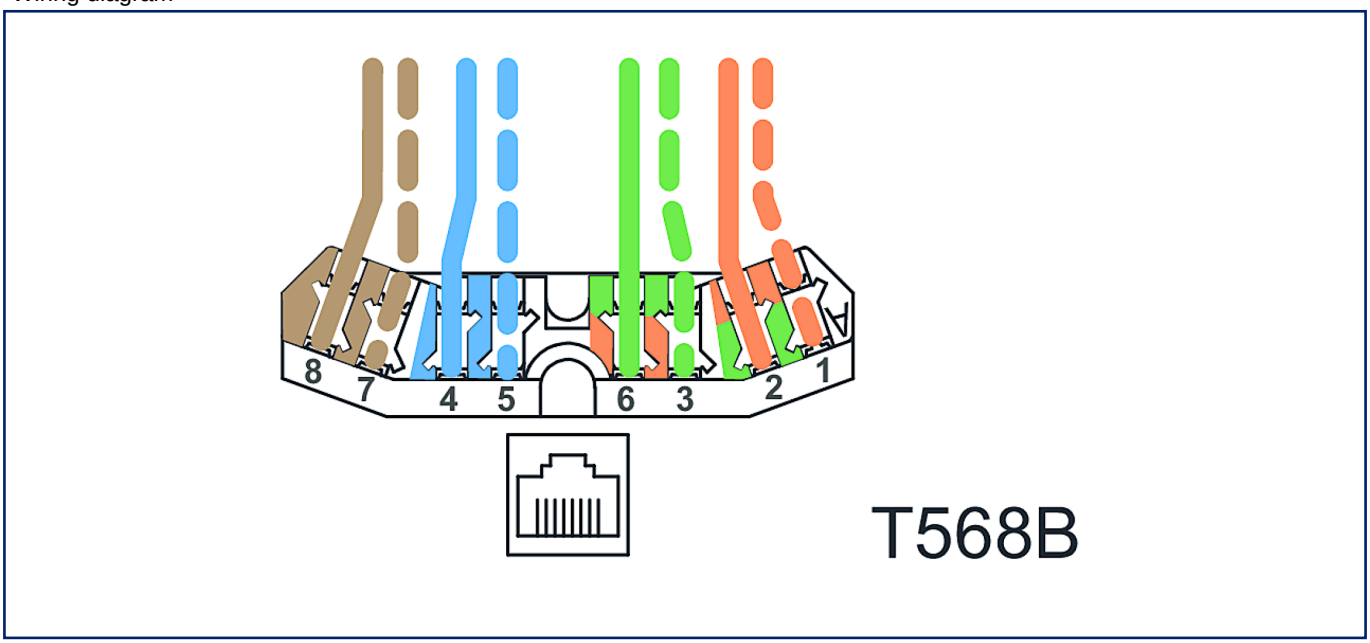
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Wiring diagram



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