# Data sheet

## C6$_A$modul 3 port 180°M flush mounted without cover

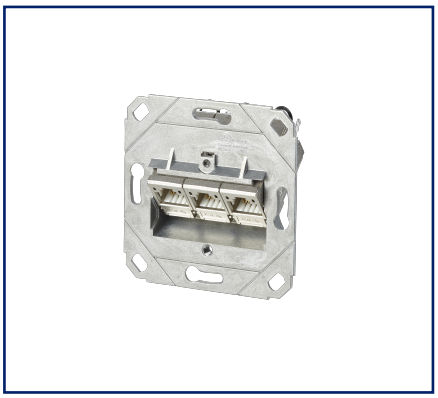
**P/N 130B11D31200-E**

**EAN 4250184131717**

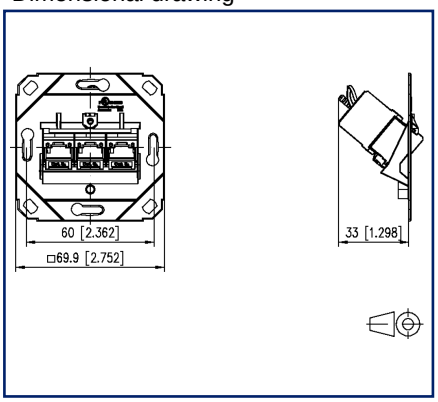
2026/02/19

Version: AQ

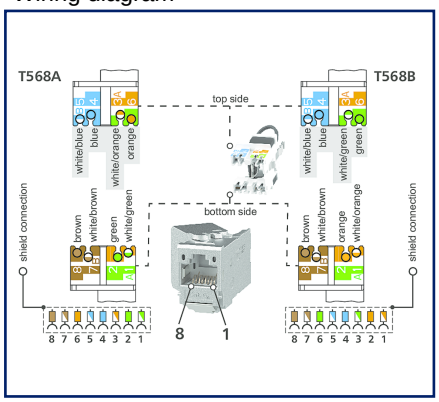
## Illustrations



Dimensional drawing




Wiring diagram




See enlarged drawings at the end of document

## Product specification

Modular 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 very robust, nickel-plated zinc die-cast module, which consists of only two parts, can be connected by the installer very easily and in a very short time without any special tools. In addition to the permanent quality control during production, independent test laboratories confirm the very good quality of the individual modules 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, 3

METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany
Phone +49 7702 533-0 | Fax +49 7702 533-433
Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

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## Technical Data

### General Data

| | |
|---|---|
| Fields of application | structured building cabling<br>office areas<br>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 | UP0 |
| Mounting in standard flush-mounted and cavity wall cups | no |
| Shielding | shielded |
| Transmission technology | Copper |
| Wiring | T568A, T568B |
| Color | metallike |
| Compatible with design centerpieces of switch programs | minor limitation, see compatibility list |
| Dimensions | |
| Dimension (L x W x H) | 33 mm x 69.9 mm x 69.9 mm |
| Dimension (L x W x H) | 1.299 in. x 2.752 in. x 2.752 in. |
| Modularity | yes |

### 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 |
| AVoverIP | yes |

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## Technical Data

| Transmission characteristics | |
|---|---|
| Transmission rate up to 100 MBit (Fast Ethernet) | IEEE 802.3bw |
| Transmission rate up to 1 GBit (Fast Ethernet) | IEEE 902.3ab |
| Transmission rate up to 10 GBit | IEEE 802.3an |

| Connections/interfaces | |
|---|---|
| Connector technology interface 1 | IDC-connection |
| Connector technology interface 2 | RJ45-jack |
| Number of ports interface 2 | 3 |
| Number of ports interface 2 equipped | 3 |
| Number of positions/contacts interface 1 | 3 x 8 |
| Number of positions/contacts interface 2 | 3 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 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. |
| Termination data, stranded wire (min. - max.) | |
| Conductor cross section, stranded wire | AWG 26/7 - AWG 22/7 |
| Conductor cross section, stranded wire | 0.141 mm² - 0.355 mm² |
| Conductor diameter, stranded wire (bare copper) | 0.483 mm - 0.762 mm |
| Conductor diameter, stranded wire (bare copper) | 0.019 in. - 0.03 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 | 180° |
| Ground connection | Via M4 thread (screw not included!) |
| Shield connection | flexible contact spring |

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## Technical Data

| | |
|---|---|
| **Electrical/ optical properties** | |
| Current carrying capacity | max. 1 A at 60 °C |
| Rated voltage | max. 60 V DC |
| Rated voltage UL | max. 56.5 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 |
| Dielectric strength conductor-shield | max. 1500 V DC |
| Dielectric strength conductor-shield, peak value | max. 1500 V AC |
| **Mechanical data** | |
| Cut-out | MC module |
| Insertion and withdrawal force | max. 30 N |
| Life - Number of mating cycles | min. 1000 |
| Position/mounting of latch standard installation position | top |
| strain relief | latching clip |
| **Materials and material properties** | |
| Material - Supporting frame | GD-Zn |
| Material - Module support | GD-Zn |
| Material - Contact | Spring steel |
| Material - Contact finish | AuCo |
| Material - Shield | CuSn6 |
| Material - Shield finish | tinned |
| Material - Stuffer cap | PA 6.6 UL94 V0 |
| Material - Strain relief | PA 6.6 UL94 V0 |
| RoHS | compliant |

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## Technical Data

### 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 |

### Certifications

| | | |
|---|---|---|
| GHMT PVP | | yes |

### Standards/Regulations

| | |
|---|---|
| Generic cabling systems | |
| General requirements | ISO/IEC 11801-1:2017-11 \| DIN EN 50173-1:2018-10<br>ANSI/TIA-568.2-D |
| Office buildings | ISO/IEC 11801-2:2017-11 \| DIN EN 50173-2:2018-10<br>ANSI/TIA-568.2-D |
| Living units | ISO/IEC 11801-4:2017-11 \| DIN EN 50173-4:2018-10<br>ANSI/TIA-570-D |
| Distributed building services | ISO/IEC 11801-6:2017-11 \| DIN EN 50173-6:2018-10<br>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 |

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## Technical Data

### Classifications

| | |
|---|---|
| ETIM 7.0 | EC001264 |
| ETIM 8.0 | EC001264 |
| ETIM 9.0 | EC001264 |
| ETIM 10.0 | EC001264 |

### 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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

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## Accessories

| P/N | Designation |
|---|---|
| 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 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 |
| 820395-0101-I | Cover plate 80 x 80 mm, pearl white, module |
| 820395-0102-I | Cover plate 80 x 80 mm, pure white, module |

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## Accessories

| | |
|---|---|
| 820395-0127-I | Cover plate 80 x 80 mm, traffic white, modul |
| 860210-0402-I | Central plate 50 x 50 mm 3 port, pure white, modul |
| 860210-0427-I | Central plate 50 x 50 mm 3 port, traffic white, modul |
| 860210-04-I | Central plate 50 x 50 mm 3 port, pearl white, modul |

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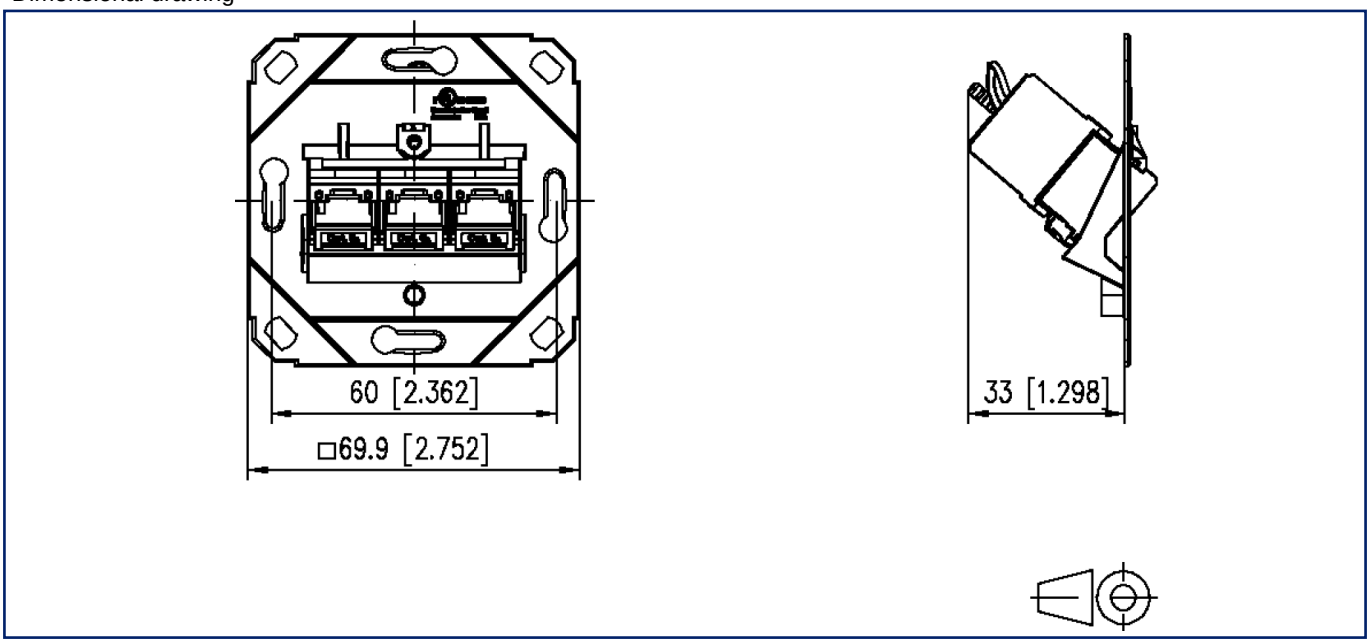
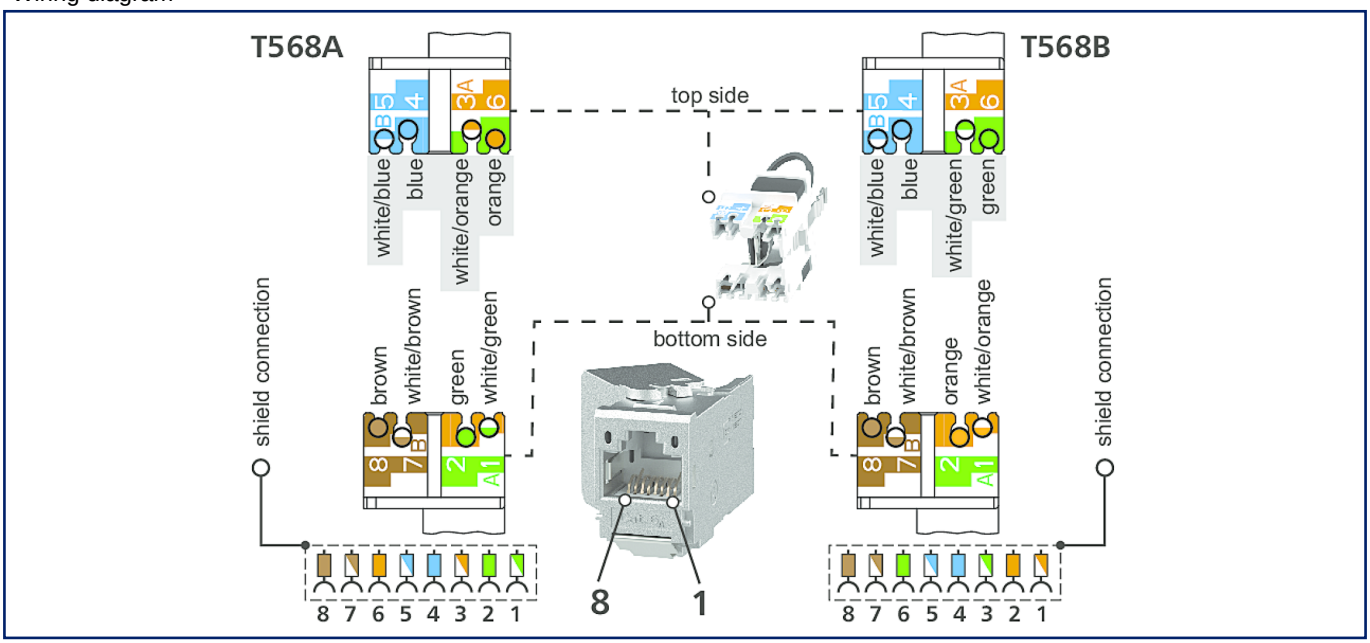
Dimensional drawing




Wiring diagram

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