

# Data sheet

## C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

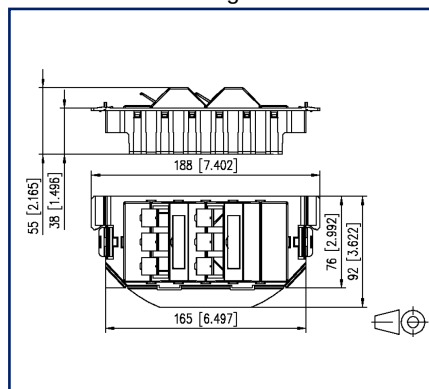
Page 1/8

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

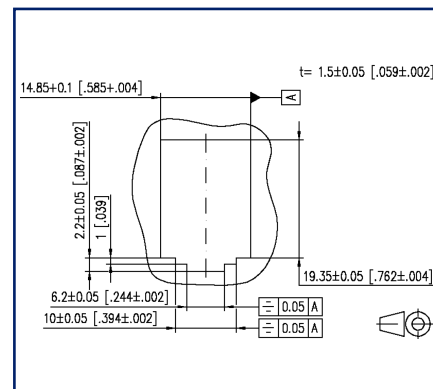
### Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document

### Product specification

- termination unit for mounting in service outlets for underfloor systems
- suitable for underfloor service outlets of OBO Bettermann (Ackermann) and some types of :hager (Electraplan Solutions)
- GB2 design, with C6<sub>A</sub>modul 180°
- certified to GHMT Cat.6<sub>A</sub> re-embedded PVP
- Cat.6<sub>A</sub> component test according to ISO/IEC 11801, DIN EN 50173-1, ANSI/TIA-568.2-D and IEC 60603-7-51, GHMT certified
- compliance with class E<sub>A</sub> up to 500 MHz according to ISO/IEC 11801, DIN EN 50173-1
- tested: component 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
- connection of data lines AWG 26/1 to 22/1 (solid wire) and AWG 26/7 to 22/7 (stranded wire) to insulation displacement connectors (IDC)
- migration to 25G-systems without special tools
- incl. module frame, caps and dummy covers
- module plug direction 45° upwards
- with label window for enclosed identification labels
- label sheet 209 x 294 mm see accessory
- integrated dust protection covers (also colored)
- color: black device casing, pearl white covers
- variants: 3 ports, 6 ports, 9 ports



## Data sheet

Page 2/8

### C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

## Technical Data

### General Data

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| Fields of application                         | office areas                           |
| 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                                | GB2                                    |
| Shielding                                     | shielded                               |
| Transmission technology                       | Copper                                 |
| Color                                         | pearl white RAL 1013                   |
| Dimensions                                    |                                        |
| Dimension (L x W x H)                         | 55 mm x 76 mm x 188 mm                 |
| Dimension (L x W x H)                         | 2.165 in. x 2.992 in. x 7.402 in.      |
| Modularity                                    | yes                                    |
| Labeling option                               | label window with identification label |
| Marking option                                | by dust protection                     |

### Transmission characteristics

|                                 |                |
|---------------------------------|----------------|
| Category (ISO)                  | 6 <sub>A</sub> |
| Class (ISO/IEC)                 | E <sub>A</sub> |
| 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   |



## Data sheet

Page 3/8

### C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

## Technical Data

| Connections/interfaces                                       |                                               |
|--------------------------------------------------------------|-----------------------------------------------|
| Connector technology interface 1                             | IDC-connection                                |
| Connector technology interface 2                             | RJ45-jack                                     |
| Number of ports interface 2                                  | 6                                             |
| Number of ports interface 2 equipped                         | 6                                             |
| Number of positions/contacts interface 1                     | 6 x 8                                         |
| 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 <sup>2</sup> - 0.324 mm <sup>2</sup> |
| 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 mm <sup>2</sup> - 0.355 mm <sup>2</sup> |
| Conductor diameter, stranded wire (bare copper)              | 0.483 mm - 0.762 mm                           |
| Conductor diameter, stranded wire (bare copper)              | 0.019 in. - 0.03 in.                          |
| Module plug-in direction                                     | 45° upwards                                   |
| Cable access/outlet                                          | 180°                                          |
| Electrical/ optical properties                               |                                               |
| 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 data                                              |                                               |
| Insertion and withdrawal force                               | max. 30 N                                     |
| Life - Number of mating cycles                               | min. 1000                                     |
| Position/mounting of latch<br>standard installation position | top                                           |

## Data sheet

Page 4/8

### C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

## Technical Data

### Materials and material properties

|                             |                  |
|-----------------------------|------------------|
| Material - Housing          | GD-Zn            |
| Material - Cover part(s)    | ABS              |
| Material - Supporting frame | GD-Zn            |
| Material - Label window     | ABS, transparent |
| Material - Dust protection  | ABS              |
| Material - Contact          | Spring steel     |
| Material - Contact finish   | Au (gold)        |
| Material - Shield           | GD-Zn            |
| Material - Stuffer cap      | PA 6.6 UL94 V0   |
| Material - Finish           | Ni (nickel)      |
| Material - Strain relief    | PA 6.6 UL94 V0   |
| 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                                    |
| Rapid change of temperature | -40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min |

### Certifications

GHMT PVP  yes

### Standards/Regulations

|                                     |                           |
|-------------------------------------|---------------------------|
| Generic cabling systems             |                           |
| General requirements                | ANSI/TIA-568              |
| Connectors for electronic equipment |                           |
| Free and fixed connectors           | DIN EN 60603-7-51:2011-01 |



## Data sheet

Page 5/8

### C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

## Technical Data

### Standards/Regulations

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                                                                         | IEC 60512-9-3: 03-2009                   |
| Interference proof                                                                      |                                          |
| Immunity for industrial environments                                                    | DIN EN 61000-6-2:2006-03                 |
| Climate tests                                                                           | IEC 60512-11                             |

### Classifications

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

### Packing details

|                   |                       |
|-------------------|-----------------------|
| Type of packaging | 1 pc(s) / plastic bag |
|-------------------|-----------------------|

### 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.



# Data sheet

Page 6/8

## C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

### Accessories

| P/N           | Designation                                                       |
|---------------|-------------------------------------------------------------------|
| 1309310099-I  | GB fastening kit                                                  |
| 1309320001-I  | Subway blind cover                                                |
| 1309320301-E  | Subway 3 port cover                                               |
| 1309330300-E  | Subway 3 port module frame                                        |
| 1309380101-I  | Subway DIN device frame                                           |
| 816979-0103-I | Dust protection covers for Modul patch panels subway / REG gray   |
| 816979-0105-I | Dust protection covers for Modul patch panels subway / REG yellow |
| 816979-0106-I | Dust protection covers for Modul patch panels subway / REG blue   |
| 816979-0107-I | Dust protection covers for Modul patch panels subway / REG green  |
| 816979-0108-I | Dust protection covers for Modul patch panels subway / REG red    |
| 899650-01     | Label sheet for wall outlets                                      |

# Data sheet

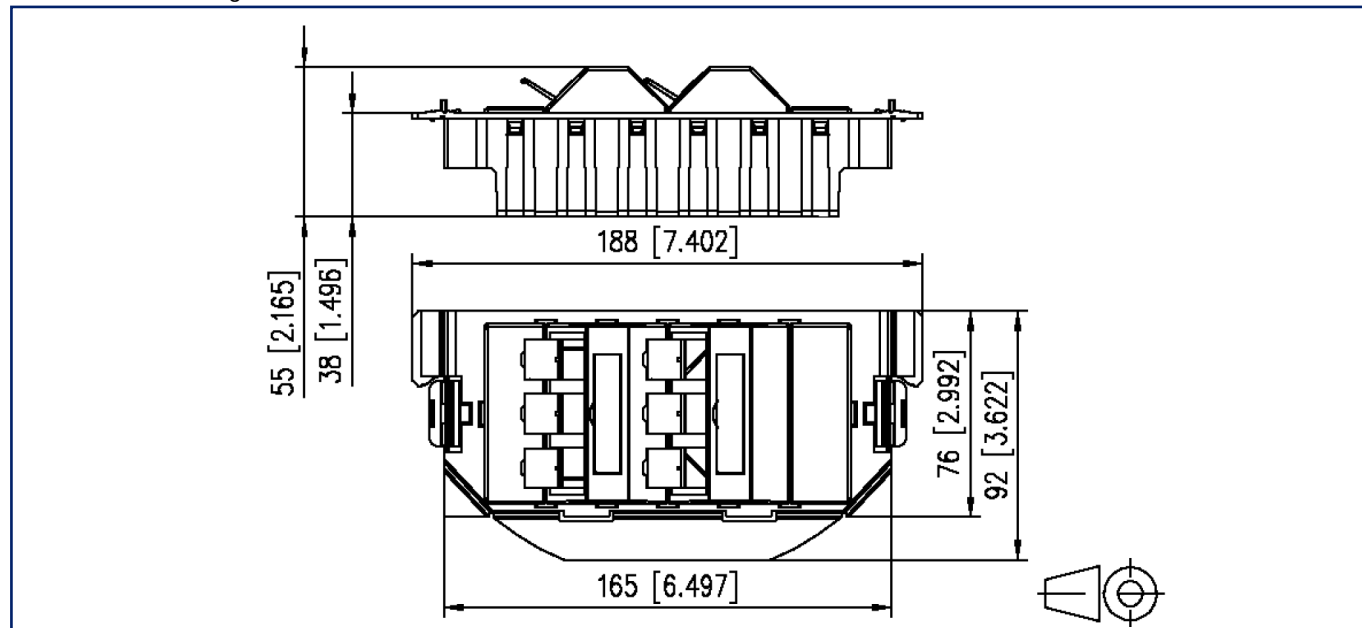
Page 7/8

## C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

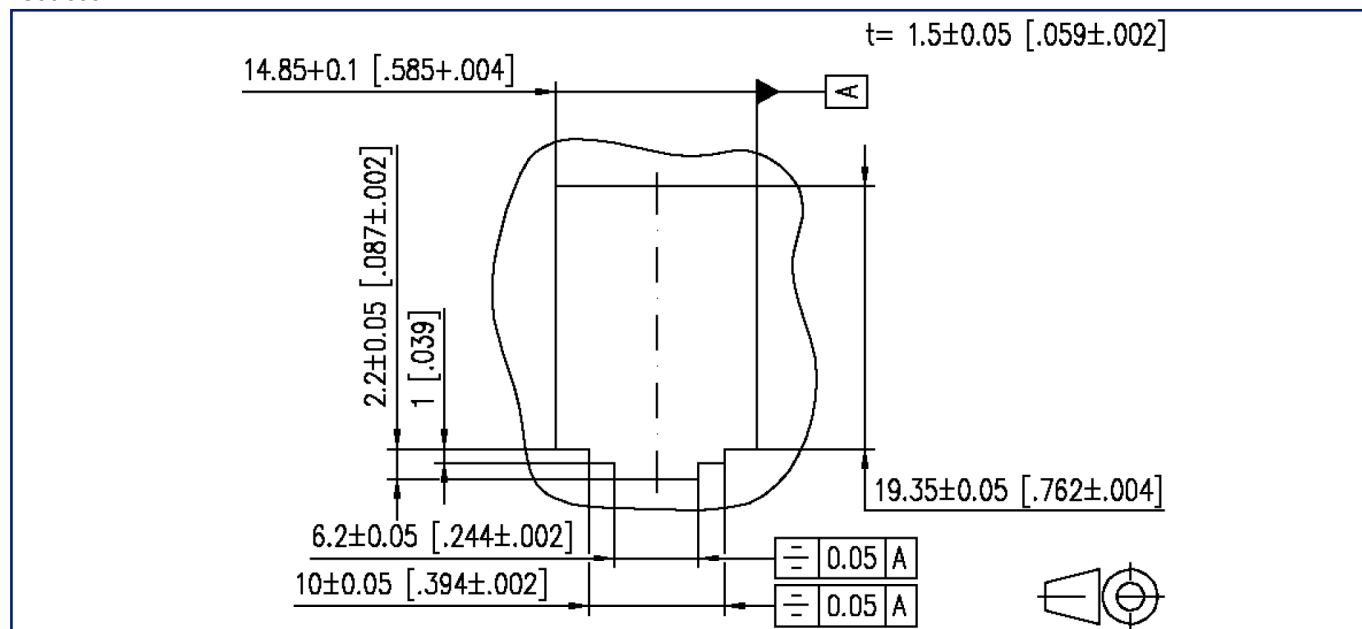
P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

### Illustrations

#### Dimensional drawing



#### Cut-out



## C6<sub>A</sub>modul 6 port 180°M GB2 pearl white

P/N  
130B11S60201-E  
EAN 4250184131809  
2026/08/26  
Version: A

### Illustrations

#### Wiring diagram

