

# P | Cabling

## Data sheet

### E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 1/6

P/N

1309131200-E

EAN 4250184105831

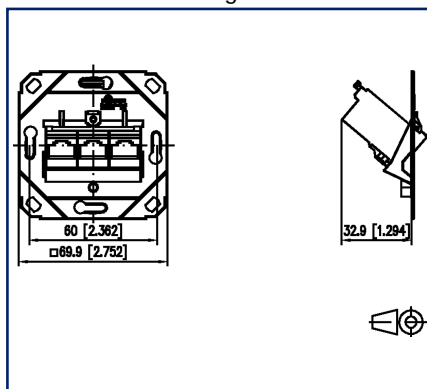
2021/04/27

Version: AF

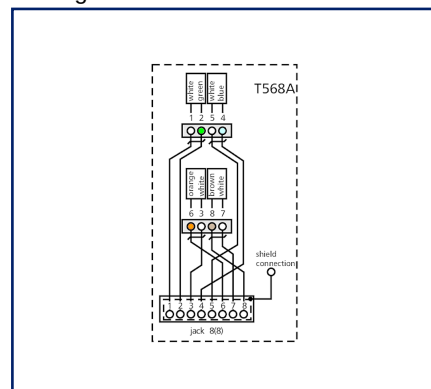
## Illustrations



Dimensional drawing



Wiring



See enlarged drawings at the end of document

## Product specification

- termination unit with E-DAT modul
- component testing for Cat.6<sub>A</sub> 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 to GHMT
- compliance with class E<sub>A</sub> to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: Link to 500 MHz
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- easy to install connection of 2 to 4-pair data lines AWG 26/1 - 22/1 and stranded wires with 7 copper conductors AWG 26/7 - 22/7 to BTR 8-fold insulation displacement connectors (IDC)
- marking of conductor assignment to T568A or T568B
- module plug direction 45° downwards
- strain relief with cable tie at the module
- integrated dust protection covers (also colored)
- compatible with design central units of switch lines (note: 3 port central units at present only available from JUNG)
- not suitable for mounting in standard flush-mounted or cavity wall casings!
- variants: 1 port, 2 ports, 3 ports



# P | Cabling

## Data sheet

### E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 2/6

P/N

1309131200-E

EAN 4250184105831

2021/04/27

Version: AF

## Technical Data

### General Data

|                         |                                   |
|-------------------------|-----------------------------------|
| Fields of application   | Office                            |
| Design                  | wall outlet                       |
| Shielding               | shielded                          |
| Transmission technology | Copper                            |
| Color                   | metallike                         |
| Dimensions              |                                   |
| Dimension (L x W x H)   | 32.9 mm x 69.9 mm x 69.9 mm       |
| Dimension (L x W x H)   | 1.295 in. x 2.752 in. x 2.752 in. |
| Modularity              | yes                               |

### 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            |
| 4PPoE                           | IEEE 802.3bt   |
| HDBaseT                         | yes            |
| 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      |



# P | Cabling

## Data sheet

### E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 3/6

P/N

1309131200-E

EAN 4250184105831

2021/04/27

Version: AF

## 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<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° downwards

Shield connection flexible contact spring

### Elektrische/ Optische Eigenschaften

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

Cut-out module

Insertion and withdrawal force max. 20 N

Position/mounting of latch - standard installation top

strain relief cable tie

### Materials and material properties

Material - Supporting frame GD-Zn (zinc die-cast)

Material - Label window ABS, transparent

Material - Dust protection ABS

Material - Contact CuSn (tin bronze)

Material - Contact finish Ni + Au (nickel-gold)

Material - Shield GD-Zn (zinc die-cast)

Material - Finish Ni (nickel)

RoHS compliant



# P | Cabling

## Data sheet

## E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 4/6

P/N

1309131200-E

EAN 4250184105831

2021/04/27

Version: AF

### 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 |
| Electromagnetic measurement | E2              |

#### Certifications

|                    |           |
|--------------------|-----------|
| GHMT Type Approval | Component |
|--------------------|-----------|

#### The product meets the following standards

|                                                              |                               |
|--------------------------------------------------------------|-------------------------------|
| Connectors for electronic equipment                          |                               |
| Free and fixed connectors                                    | DIN EN 60603-7-51:2011-01     |
| Connectors for electronic equipment - Tests and measurements |                               |
| Test schedule for connectors                                 | DIN-EN 60512-99-001, Pg. UEL1 |

#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001264 |
| ETIM 6.0 | EC001264 |
| ETIM 7.0 | EC001264 |

#### Packing details

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Type of packaging               | 10 pc(s) / box                    |
| Packaging unit - Weight (gram)  | 1413 g                            |
| Packaging unit - Weight (pound) | 3.12 lb                           |
| Packaging dimension             | 235 mm x 165 mm x 135 mm          |
| Packaging dimension             | 9.252 in. x 6.496 in. x 5.315 in. |



# P | Cabling

## Data sheet

### E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 5/6

P/N

1309131200-E

EAN 4250184105831

2021/04/27

Version: AF

## Accessories

| P/N           | Designation                                                                                    |
|---------------|------------------------------------------------------------------------------------------------|
| 130829-01-I   | Surface mount frame 85 x 85 x 35 mm - single, pearl white                                      |
| 130829-02-I   | Surface mount frame 85 x 85 mm - Single, pure white                                            |
| 130829-27-I   | Surface mount frame 85 x 85 x 35 mm - single, traffic white                                    |
| 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 50 mm, without 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 for E-DAT modul and E-DAT design (matt) wall outlets, pearl white                  |
| 820395-0102-I | Cover plate for E-DAT modul and E-DAT design (matt) wall outlets, pure white                   |
| 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                                            |



# P | Cabling

Data sheet

E-DAT modul 3 port UP0 Cat.6<sub>A</sub>

Page 6/6

P/N

1309131200-E

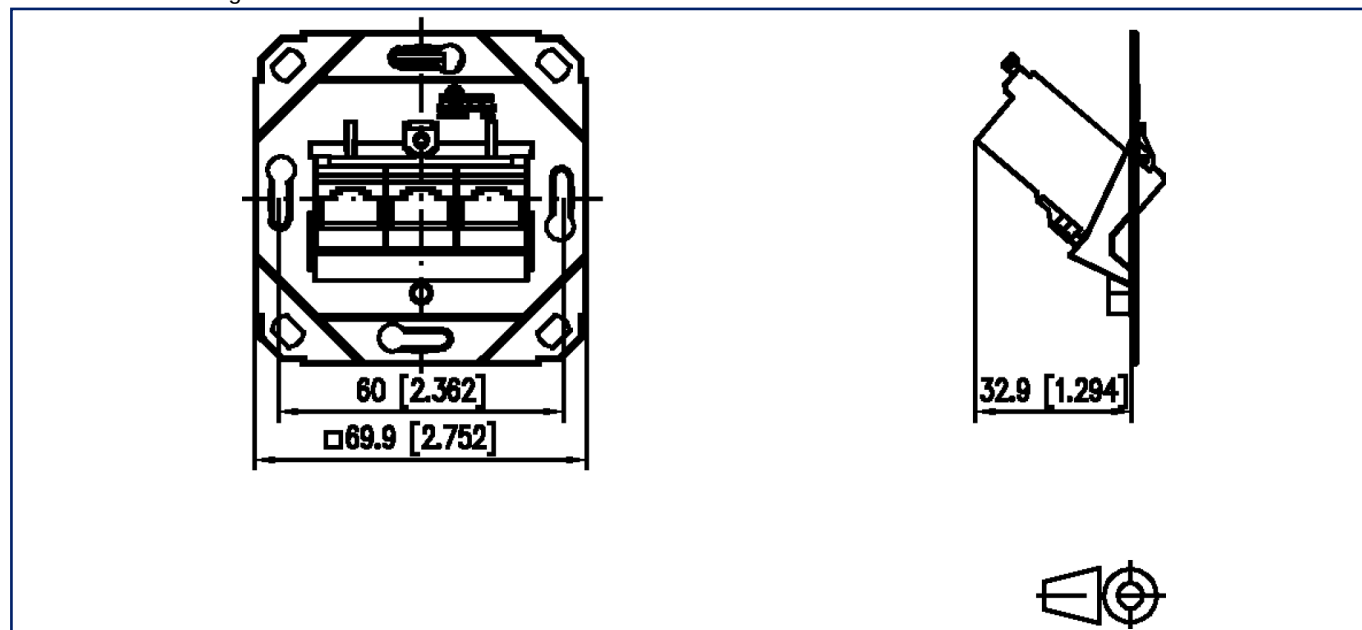
EAN 4250184105831

2021/04/27

Version: AF

## Illustrations

Dimensional drawing



Wiring

