

# P | Cabling

## Data sheet

### E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

Page 1/8

P/N

130922-03-E

EAN 4250184106197

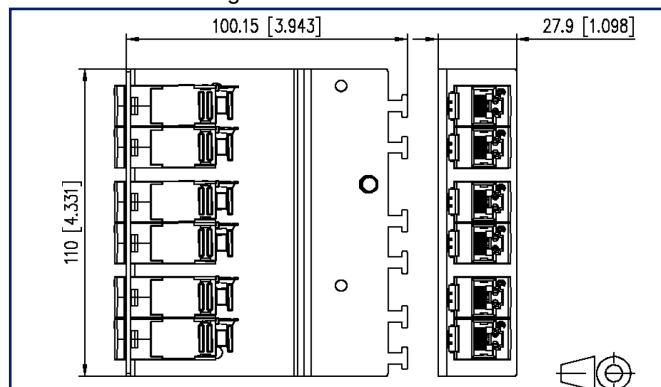
2021/09/01

Version: AB

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- module frame with 6 E-DAT modul modules
- 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)
- compliance with class EA to ISO/IEC 11801 Ed.2.2:2011-09, DIN EN 50173-1:2011-09
- tested: Link up 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
- 1RU module frame for mounting in surface-mounted housing, top hat rail adapter or 1RU module frame
- optional strain relief using cable ties
- grounding bolt M6 x 10 with nut and lock washer



# P | Cabling

## Data sheet

Page 2/8

## E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

## Technical Data

### General Data

|                         |                                   |
|-------------------------|-----------------------------------|
| Fields of application   |                                   |
|                         | Office                            |
| Design                  | patch panel                       |
| Mounting style          | 1RU                               |
| Shielding               | shielded                          |
| Transmission technology | Copper                            |
| Wiring                  | T568A                             |
| Color                   | stainless steel                   |
| Dimensions              |                                   |
| Dimension (L x W x H)   | 110.15 mm x 110 mm x 27.9 mm      |
| Dimension (L x W x H)   | 4.337 in. x 4.331 in. x 1.098 in. |
| Height unit             | 1RU                               |
| 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              | 6              |
| Number of ports interface 2 equipped     | 6              |
| Number of positions/contacts interface 1 | 48 x 8         |
| Number of positions/contacts interface 2 | 6 x 8P/8C      |



# P | Cabling

## Data sheet

Page 3/8

## E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

### 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.

Cable access/outlet 180°

Ground connection grounding bolt M6x10 with nut and lock washer

#### Electrical characteristics

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. 20 N

Life - Number of mating cycles min. 750

Position/mounting of latch  
standard installation position top

#### Materials and material properties

Material - Jack contact CuSn (tin bronze)

Material - Jack contact finish Ni + Au (nickel-gold)

Material - Jack shield GD-Zn (zinc die-cast)

Material - Module support stainless steel

Material - Finish Ni (nickel)

RoHS compliant



# P | Cabling

## Data sheet

Page 4/8

## E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

## Technical Data

### Materials and material properties

### 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

### Approvals

CE compliant

UL listed (file no.) DUXR.E178484



### 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 standard for connectors (engaging and separating connectors under electrical load) DIN-EN 60512-99-001, Pg. UEL1

Endurance tests IEC 60512-9-3: 03-2009

Interference proof

Immunity for industrial environments DIN EN 61000-6-2:2006-03



# P | Cabling

Data sheet

Page 5/8

**E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>**

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

## Technical Data

### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001128 |
| ETIM 6.0 | EC001128 |
| ETIM 7.0 | EC001128 |
| ETIM 8.0 | EC001128 |

### Packing details

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Type of packaging               | 1 pc(s) / box                     |
| Packaging unit - Weight (gram)  | 459 g                             |
| Packaging unit - Weight (pound) | 1.01 lb                           |
| Packaging dimension             | 145 mm x 182 mm x 40 mm           |
| Packaging dimension             | 5.709 in. x 7.165 in. x 1.575 in. |

# P | Cabling

## Data sheet

Page 6/8

## E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

## Accessories

| P/N            | Designation                                              |
|----------------|----------------------------------------------------------|
| 130898-00-I    | BLIND module light gray                                  |
| 130898-00-RW-I | BLIND module pure white                                  |
| 130898-01-I    | COAX modul F jack / F jack                               |
| 130898-02-I    | COAX modul IEC jack / F jack                             |
| 130898-03-I    | COAX modul IEC plug / F jack                             |
| 130908-I-B1    | UAE modul Cat.5e white                                   |
| 130909-I       | UAE modul Cat.6 jack T568A white                         |
| 130910-I       | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568A          |
| 130910-I-B1    | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568B          |
| 130910-Z       | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568A (12 pcs) |
| 1309A0-I       | E-DAT modul Coupler 8(8) 180° class E <sub>A</sub>       |
| 130A11-29-I    | UAE modul 8(8) Cat.6 <sub>A</sub> black                  |
| 130A11-I       | UAE modul 8(8) Cat.6 <sub>A</sub> white                  |
| 130B11-25-E    | 25Gmodul                                                 |
| 130B11-25-Z    | 25Gmodul (12 pcs)                                        |
| 130B11-E       | C6 <sub>A</sub> modul 180° jack                          |
| 130B11-Z       | C6 <sub>A</sub> modul 180° jack (12 pcs)                 |
| 15091001-I     | OpDAT modul ST (ceramic, light gray) SM                  |
| 15091071-I     | OpDAT modul LC-D (ceramic, blue) SM                      |
| 15091072-I     | OpDAT modul LC-D (ceramic, aqua) MM                      |
| 15091075-I     | OpDAT modul LC-D (ceramic, violet) MM                    |
| 15091076-I     | OpDAT modul LC-D APC (ceramic, green) SM                 |
| 1509107B-I     | OpDAT modul LC-D (ceramic, beige) MM                     |



# P | Cabling

Data sheet

Page 7/8

**E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>**

P/N

**130922-03-E****EAN 4250184106197**

2021/09/01

Version: AB

## Accessories from

| P/N        | Designation                                        |
|------------|----------------------------------------------------|
| 130B10E2-E | Module frame 3RU, 7HP 6 port, aluminum, unequipped |
| 854544-E   | Module frame 1RU 19 inch, unequipped               |
| 854568-E   | Module frame 10 inch 1RU                           |

# P | Cabling

Data sheet

E-DAT modul 6x8(8) 1RU patch panel Cat.6<sub>A</sub>

Page 8/8

P/N

130922-03-E

EAN 4250184106197

2021/09/01

Version: AB

## Illustrations

Dimensional drawing

