

# P | Cabling

## Data sheet

### UAE 50x8(4) Cat.3 patch panel, steel black

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P/N

130886-0203-E

EAN 4250184142560

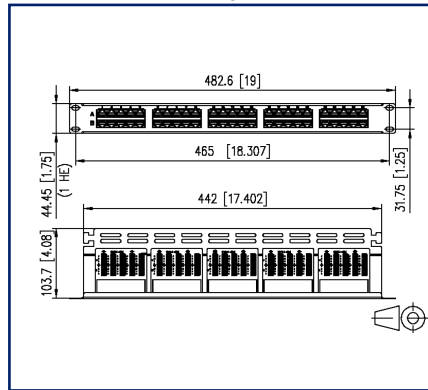
2023/04/18

Version: V

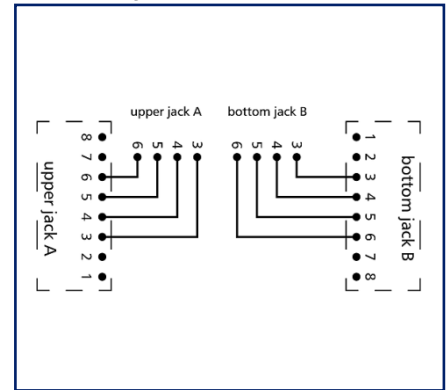
## Illustrations



Dimensional drawing



Circuit diagram



See enlarged drawings at the end of document

## Product specification

- 19 inch 1RU Cat.3 patch panel with 50 RJ45 jacks 8(4)
- 19 inch module frame made steel sheet, painted in black
- connection lines connected to LSA-PLUS® insulation displacement connectors (AWG 22-26)
- suitable for diameters of 0.4 to 0.06 mm
- suitable cable types: 10 x 10 DC, 4 x 25 DC, 2 x 50 DC (DC=double conductor)
- pin assignment to ISO/IEC 11801/EN 50173-1, the wire pairs can be led to the terminal without untwisting the pairs
- strain relief by means of cable ties on rear cable support



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### Technical Data

#### General Data

|   |   |
|---|---|
| Fields of application                         | structured building cabling<br>office areas<br>Distributed building services<br>data center |
| Mechanical measurement according to MICE      | M1  |
| Ingress measurement according to MICE         | I1  |
| Climatic measurement according to MICE        | C1  |
| Electromagnetic measurement according to MICE | E1  |
| Design  | patch panel   |
| Mounting style                                | 1RU   |
| Transmission technology                       | Copper  |
| Color   | black   |
| Dimensions                                    |   |
| Dimension (L x W x H)                         | 104.9 mm x 482.6 mm x 44 mm   |
| Dimension (L x W x H)                         | 4.13 in. x 19 in. x 1.732 in.   |
| Inches  | 19 inches   |
| Height unit                                   | 1RU   |
| Labeling option                               | printed numbers   |

#### Transmission characteristics

|                |              |
|----------------|--------------|
| Category (ISO) | 3            |
| Category (TIA) | 3            |
| PoE            | IEEE 802.3af |

#### Connections/interfaces

|  |                    |
|--|--------------------|
| Connector technology interface 1         | LSA terminal block |
| Connector technology interface 2         | RJ45-jack          |
| Number of ports interface 2              | 50                 |
| Number of ports interface 2 equipped     | 50                 |
| Number of positions/contacts interface 1 | 50 x 4P/4C         |
| Number of positions/contacts interface 2 | 50 x 8P/4C         |

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### 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.                         |
| Core diameter (min. - max.)                  |   |
| Core diameter (conductor with insulation)    | 0.7 mm - 1.4 mm                               |
| Core diameter (conductor with insulation)    | 0.028 in. - 0.055 in.                         |

#### Mechanical data

|  |                |
|--|----------------|
| Insertion and withdrawal force                               | max. 20 N      |
| Life - Number of mating cycles                               | min. 250       |
| Position/mounting of latch<br>standard installation position | top and bottom |

#### Materials and material properties

|                           |             |
|---------------------------|-------------|
| Material - Module support | sheet steel |
| 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 |

#### 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 |

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#### Classifications

|          |          |
|----------|----------|
| ETIM 5.0 | EC001128 |
| ETIM 6.0 | EC001128 |
| ETIM 7.0 | EC001128 |
| ETIM 8.0 | EC001128 |
| ETIM 9.0 | EC001128 |

#### Packing details

|                                 |                                  |
|---------------------------------|----------------------------------|
| Type of packaging               | 1 pc(s) / box                    |
| Packaging unit - Weight (gram)  | 1640 g                           |
| Packaging unit - Weight (pound) | 3.62 lb                          |
| Packaging dimension             | 555 mm x 160 mm x 80 mm          |
| Packaging dimension             | 21.85 in. x 6.299 in. x 3.15 in. |



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## Accessories

| P/N      | Designation                |
|----------|----------------------------|
| 130792   | Mounting kit, cage nuts M6 |
| 130818-E | Crimp Tool LSA-PLUS®       |



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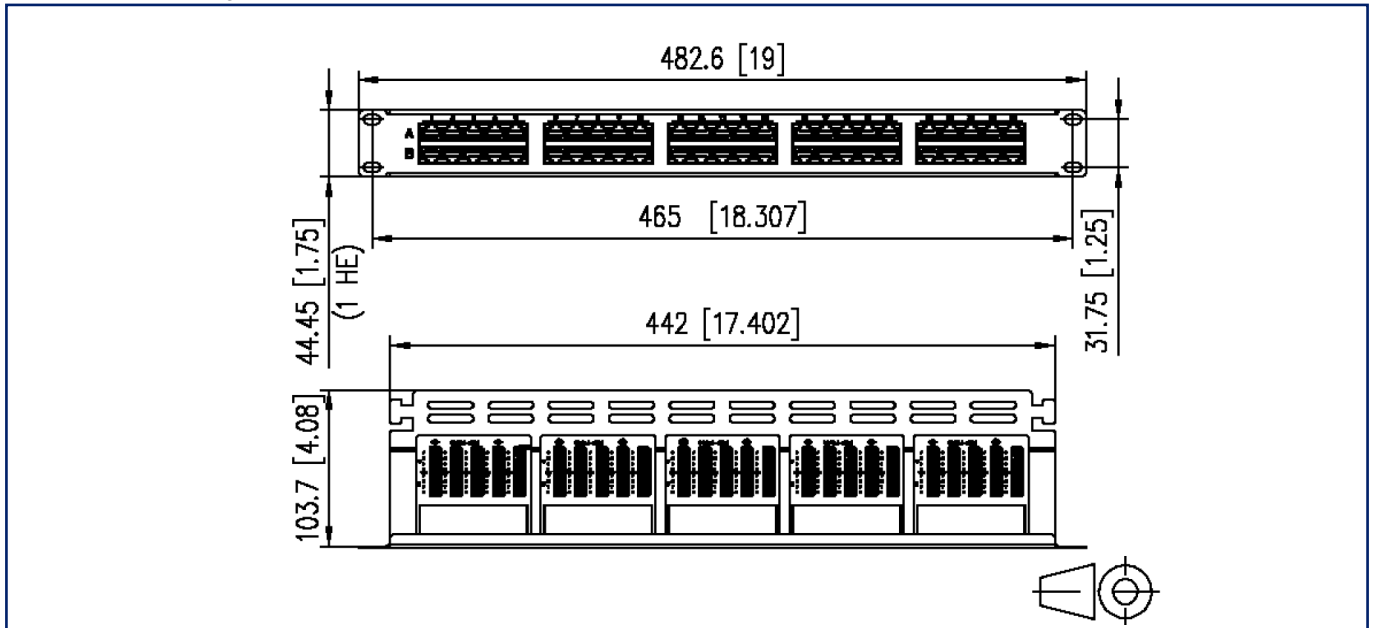
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