



### Electrical data

|                       |                    |
|-----------------------|--------------------|
| Operating voltage     | ≤ 30 VAC; ≤ 42 VDC |
| Nominal current       | 1.5 A              |
| Insulation resistance | ≥ 500 MΩ           |

### Safety and protection

|   |         |
|---|---------|
| Dielectric strength (contact/contact) (AC, 1 min) | 1 kVrms |
|---|---------|

### Connection Data

|                            |               |
|----------------------------|---------------|
| Mating cycles              | 500           |
| Transmission length (max.) | 100 m         |
| Connection Cable           | Cat. 5 (min.) |

#### Connection 1

|                     |                  |
|---------------------|------------------|
| Pluggable connector | RJ-45 (shielded) |
| Pole number 1       | 8                |
| Connection type     | System           |

#### Connection 2

|                 |                  |
|-----------------|------------------|
| Connector       | RJ-45 (shielded) |
| Pole number     | 8                |
| Connection type | System           |

### Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 20.5 mm / 0.807 inches |
| Height                            | 85 mm / 3.346 inches   |
| Depth from upper-edge of DIN-rail | 38.5 mm / 1.516 inches |

### Mechanical data

|                |                  |
|----------------|------------------|
| Mounting type  | DIN-35 rail      |
| Housing design | Mounting carrier |
| Mating cycles  | 500              |

### Material data

|           |         |
|-----------|---------|
| Fire load | 0.49 MJ |
| Weight    | 28.3 g  |

### Environmental requirements

|   |                         |
|---|-------------------------|
| Ambient temperature (operation)                       | -40 ... +85 °C          |
| Ambient temperature UL (operation at U <sub>N</sub> ) | -40 ... +70 °C          |
| Ambient temperature (storage)                         | -40 ... +85 °C          |
| Relative humidity                                     | ≤ 85 % (non-condensing) |

### Commercial data

|                       |                          |
|-----------------------|--------------------------|
| Product Group         | 6 (INTERFACE ELECTRONIC) |
| PU (SPU)              | 15 (1) pcs               |
| Packaging type        | Box                      |
| Country of origin     | DE                       |
| GTIN                  | 4045454317478            |
| Customs tariff number | 85366990990              |

### Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 39121421             |
| eCl@ss 10.0 | 19-17-90-01          |
| eCl@ss 9.0  | 19-17-90-01          |
| ETIM 9.0    | EC001121             |
| ETIM 10.0   | EC001121             |
| ECCN        | NO US CLASSIFICATION |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Approvals / Certificates

#### General approvals



| Approval                                   | Standard | Certificate Name    |
|--|----------|---------------------|
| cURus<br>Underwriters Laboratories<br>Inc. | UL 508   | E175199 Vol.2 Sec.1 |

## Downloads

### Environmental Product Compliance

#### Compliance Search

Environmental Product Compliance 289-172



## Documentation

### Bid Text

|         |            |                 |  |
|---------|------------|-----------------|--|
| 289-172 | 09.02.2015 | doc<br>25.00 KB |  |
| 289-172 | 19.02.2019 | xml<br>3.27 KB  |  |

### Instruction Leaflet

|   |                       |                   |  |
|---|-----------------------|-------------------|--|
| Operation and Assembly Instructions Interface | V 1.0.0<br>02.04.2025 | pdf<br>1246.19 KB |  |
|---|-----------------------|-------------------|--|

## CAD/CAE-Data

### CAD data

2D/3D Models 289-172



### CAE data

|                           |  |
|---------------------------|--|
| EPLAN Data Portal 289-172 |  |
| WSCAD Universe 289-172    |  |
| ZUKEN Portal 289-172      |  |

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Marking

##### 1.1.1.1 Marking strip



**Item No.: 709-196**

Marking strips; for laser printer; translucent



**Item No.: 709-177**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; translucent



**Item No.: 709-178**

Marking strips; on reel; 7.5 mm wide; not stretchable; plain; snap-on type; white