

**Industrial Ethernet  
IE-PS-V01P-RJ45-TH**

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Bayonet plug-in connector sets according to IEC  
61076-3-106 ver.1 (EtherNet/IP), RJ45 plastic insert incl.  
RJ45 insert

**General ordering data**

|            |                                                                                                    |
|------------|----------------------------------------------------------------------------------------------------|
| Type       | IE-PS-V01P-RJ45-TH                                                                                 |
| Order No.  | <a href="#">1012470000</a>                                                                         |
| Version    | RJ45 crimp plug, Variant 1 plastic, Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| GTIN (EAN) | 4032248720125                                                                                      |
| Qty.       | 10 pc(s).                                                                                          |

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## Technische Daten

### Dimensions and weights

Net weight 30.5 g

### Temperatures

Operating temperature -40 °C...+70 °C Storage temperature  
Installation temperature

### Downloads

Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 4 connector channel z1755b-07-D.pdf  
UL Approval DUXR.E316369.pdf

### General data

|                                                 |                                                    |                                                 |                          |
|-------------------------------------------------|----------------------------------------------------|-------------------------------------------------|--------------------------|
| Category                                        | Cat.6A / Class E <sub>A</sub> (ISO/IEC 11801 2010) | Colour                                          | Black                    |
| Connection 1                                    | RJ45                                               | Connection 2                                    | IDC                      |
| Contact surface                                 | Gold over nickel                                   | Description of article                          | Variant 1 plastic        |
| Housing main material                           | PA UL 94 V0                                        | Insulation cross-section, max.                  | 1.05 mm                  |
| Insulation cross-section, min.                  | 0.85 mm                                            | MICE classification C                           | C <sub>1</sub>           |
| MICE classification E                           | E <sub>3</sub>                                     | MICE classification I                           | I <sub>3</sub>           |
| MICE classification M                           | M <sub>3</sub>                                     | Plugging cycles                                 | 750                      |
| Protection degree                               | IP 67                                              | Sheath diameter, max.                           | 10 mm                    |
| Sheath diameter, min.                           | 5 mm                                               | Shielding                                       | 360° all-round enclosure |
| Wire connection diameter, flexible, max.        | 0.61 mm                                            | Wire connection diameter, flexible, min.        | 0.46 mm                  |
| Wire connection diameter, solid, max.           | 0.51 mm                                            | Wire connection diameter, solid, min.           | 0.36 mm                  |
| Wire cross-section, finely stranded, max. (AWG) | AWG 24                                             | Wire cross-section, finely stranded, min. (AWG) | AWG 27                   |
| Wire cross-section, solid, max. (AWG)           | AWG 22                                             | Wire cross-section, solid, min. (AWG)           | AWG 24                   |

### Standards

Connector standard IEC 61076-3-106 Var. 1, IEC 60603-7-51

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001121    | UNSPSC     | 30-21-18-10 |
| eClass 5.1 | 27-26-07-08 | eClass 6.2 | 27-25-05-04 |
| eClass 7.1 | 27-25-05-04 |            |             |

### Approvals

Approvals



ROHS Conform

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## Zeichnungen

### Dimensioned drawing

