

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

Weidmüller Interface GmbH & Co. KG
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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-BP |
| Order No. | 1012560000 |
| Version | RJ45 crimp plug, Variant 1 plastic, with kink prevention, Cat.6 _A / Class E _A (ISO/IEC 11801 2010) |
| GTIN (EAN) | 4032248720194 |
| Qty. | 10 pc(s). |

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Technical data
Dimensions and weights

Net weight 41.2 g

Temperatures

| | | | |
|-----------------------------|----------------|-----------------------------|--------|
| Operating temperature, max. | 70 °C | Operating temperature, min. | -40 °C |
| Operating temperature | -40 °C...70 °C | Storage temperature | |
| Installation temperature | | | |

General data

| | | | |
|--|---|--------------------------------|--|
| Connection 1 | RJ45 | Connection 2 | Crimp |
| Description of article | Variant 1 plastic, with kink prevention | Colour | Black |
| Housing main material | PA UL 94 V0 | Insulation cross-section, min. | 0.85 mm |
| Insulation cross-section, max. | 1.05 mm | Category | Cat.6 _A / Class E _A (ISO/IEC 11801 2010) |
| Contact surface | Gold over nickel | Connection diameter, solid | 0.36...0.51 mm |
| Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22 | Connection diameter, flexible | 0.46...0.61 mm |
| Conductor connection cross-section, flexible (AWG) | AWG 27...AWG 24 | MICE classification M | M ₃ |
| MICE classification I | I ₃ | MICE classification C | C ₁ |
| MICE classification E | E ₃ | Sheath diameter, min. | 5 mm |
| Sheath diameter, max. | 10 mm | Shielding | 360° all-round enclosure |
| Protection degree | IP67 | Plugging cycles | 750 |

Standards

| | | | |
|--------------------|--|-------------------------|---------|
| Connector standard | IEC 61076-3-106 Var. 1, IEC 60603-7-51 | Certificate no. (cULus) | E316369 |
|--------------------|--|-------------------------|---------|

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 |
|---|-----------------|-------------|------------------|

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001121 | ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC001121 | ETIM 6.0 | 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 |
| eClass 8.1 | 19-17-01-25 | eClass 9.0 | 19-17-01-25 |
| eClass 9.1 | 27-44-09-90 | | |

Product information

Descriptive text accessories Plug inserts can also be ordered separately. Refer to Inserts.

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Data sheet

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Drawings

Dimensioned drawing

