

IE-PS-V01M-RJ45-FH-BP

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

www.weidmueller.com



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

General ordering data

| | |
|------------|---|
| Version | RJ45 plug, no tools required, Variant 1 metal, with kink prevention, Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Order No. | 1963130000 |
| Type | IE-PS-V01M-RJ45-FH-BP |
| GTIN (EAN) | 4032248651634 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E316369 |

Dimensions and weights

| | |
|------------|----------|
| Net weight | 143.16 g |
|------------|----------|

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1, 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 |
| SCIP | e5bbf197-73b5-420b-90c0-0173b7b3b6b7 |

General data

| | | | |
|--|--|--------------------------------|--|
| Connection 1 | RJ45 | Connection 2 | IDC |
| Description of article | Variant 1 metal, with kink prevention | Colour | black |
| Housing main material | Zinc diecast | Insulation cross-section, min. | 0.85 mm |
| Insulation cross-section, max. | 1.6 mm | Category | Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Contact surface | Gold over nickel | Connection diameter, solid | 0.4...0.64 mm |
| Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22 | Connection diameter, flexible | 0.48...0.76 mm |
| Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22 | MICE classification M | M3 |
| MICE classification I | I3 | MICE classification C | C1 |
| MICE classification E | E3 | Sheath diameter, min. | 5 mm |
| Sheath diameter, max. | 10 mm | Shielding | 360°; all-round enclosure |
| Protection degree | IP67 | Plugging cycles | 750 |
| Ability to reconnect | ≥ 10 cycles (for the same or larger cross-section) | | |

Electrical properties

| | | | |
|---------------------------------------|----------------|--|----------------|
| Dielectric strength, contact / shield | ≥ 1500 V AC/DC | Dielectric strength, contact / contact | ≥ 1000 V AC/DC |
|---------------------------------------|----------------|--|----------------|

General standards

| | | | |
|-------------------------|---|---|------------------------------------|
| Connector standard | IEC 61076-3-106 Var. 1, IEC 60603-7-5 1 | Application-specific communication cable facilities | PROFINET installation instructions |
| Certificate no. (cULus) | E316369 | | |

Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001121 | ETIM 9.0 | EC001121 |
| ETIM 10.0 | EC001121 | ECLASS 14.0 | 27-44-03-90 |
| ECLASS 15.0 | 27-44-03-90 | | |

Dimensioned drawing

