

IE-PS-V05M-RJ45-FH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



HDC plug-in connector set according to IEC 61076-3-106
ver.5 in metal, with RJ45 insert

General ordering data

| | |
|------------|---|
| Version | RJ45 plug, no tools required, Variant 5, Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Order No. | 1963200000 |
| Type | IE-PS-V05M-RJ45-FH |
| GTIN (EAN) | 4032248651689 |
| 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 90.87 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) 6bl, 6c

REACH SVHC Lead 7439-92-1

SCIP 4f3aae94-c2bc-4010-b63b-5b114ba6bd55

General data

| | | | |
|--|--|--------------------------------|--|
| Connection 1 | RJ45 | Connection 2 | IDC |
| Description of article | Variant 5 | Colour | black |
| Housing main material | diecast aluminium | 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. | 12 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. 5, IEC 60603-7-51 | 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 | | |

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Drawings

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Dimensioned drawing

