

**IE-PS-V01P-RJ45-FH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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

**General ordering data**

|            |                                                                                                                    |
|------------|--------------------------------------------------------------------------------------------------------------------|
| Version    | RJ45 plug, no tools required, Variant 1 plastic,<br>Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| Order No.  | <a href="#">1012490000</a>                                                                                         |
| Type       | IE-PS-V01P-RJ45-FH                                                                                                 |
| GTIN (EAN) | 4032248720132                                                                                                      |
| Qty.       | 10 pc(s).                                                                                                          |

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## Technical data

## Dimensions and weights

|            |          |
|------------|----------|
| Net weight | 39.015 g |
|------------|----------|

## Temperatures

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

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## General data

|                                                    |                                                    |                                                 |                                                    |
|----------------------------------------------------|----------------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| Connection 1                                       | RJ45                                               | Connection 2                                    | IDC                                                |
| Description of article                             | Variant 1 plastic                                  | Colour                                          | black                                              |
| Housing main material                              | PA UL 94 V0                                        | Insulation cross-section, min.                  | 0.85 mm                                            |
| Insulation cross-section, max.                     | 1.6 mm                                             | Category                                        | Cat.6A / Class E <sub>A</sub> (ISO/IEC 11801 2010) |
| Contact surface                                    | Gold over nickel                                   | Connection diameter, solid                      | 0.4...0.64 mm                                      |
| Wire connection diameter, solid, min.              | 0.4 mm                                             | Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22                                    |
| Wire connection diameter, solid, max.              | 0.64 mm                                            | Connection diameter, flexible                   | 0.48...0.76 mm                                     |
| Wire cross-section, solid, min. (AWG)              | AWG 24                                             | Wire cross-section, solid, max. (AWG)           | AWG 22                                             |
| Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22                                    | Wire connection diameter, flexible, min.        | 0.48 mm                                            |
| Wire connection diameter, flexible, max.           | 0.76 mm                                            | Wire cross-section, finely stranded, min. (AWG) | AWG 26                                             |
| Wire cross-section, finely stranded, max. (AWG)    | AWG 22                                             | MICE classification M                           | M <sub>3</sub>                                     |
| MICE classification I                              | I <sub>3</sub>                                     | MICE classification C                           | C <sub>1</sub>                                     |
| MICE classification E                              | E <sub>3</sub>                                     | 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) |                                                 |                                                    |

## General standards

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001121    | ETIM 7.0    | EC001121    |
| ECLASS 9.0  | 27-44-03-90 | ECLASS 9.1  | 27-44-03-90 |
| ECLASS 10.0 | 27-44-03-90 | ECLASS 11.0 | 27-44-03-90 |

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E316369 |

Creation date March 22, 2021 1:18:28 PM CET

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### Downloads

|                                             |                                                                                                                  |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">ISO/IEC and TIA/EIA DE</a><br><a href="#">DUXR.E316369</a>                                           |
| Engineering Data                            | <a href="#">WSCAD</a>                                                                                            |
| User Documentation                          | <a href="#">MAN IE GUIDE DE</a><br><a href="#">MAN IE GUIDE EN</a><br><a href="#">Designation key / Type key</a> |

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# Drawings

## Dimensioned drawing

