

## IE-BS-V05M-RJ45-FJ-A

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

[www.weidmueller.com](http://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    | Flange RJ45, IP67, Variant 5, IDC, EIA/TIA 586 A, Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Order No.  | <a href="#">1963460000</a>   |
| Type       | IE-BS-V05M-RJ45-FJ-A   |
| GTIN (EAN) | 4032248645558  |
| 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 60.8 g

## Temperatures

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

Installation temperature

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC Potassium perfluorobutane sulfonate 29420-49-3

SCIP 3767b26f-703a-492e-9234-36e83d1c0725

## General data

|  |                               |                               |  |
|--|-------------------------------|-------------------------------|--|
| Connection 1                                       | RJ45                          | Connection 2                  | IDC                                    |
| Description of article                             | Variant 5, IDC, EIA/TIA 586 A | Wiring                        | TIA-568A                               |
| Seal material                                      | NBR                           | Housing main material         | diecast aluminium                      |
| 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               | Shielding                     | 360°; all-round enclosure              |
| Protection degree                                  | IP67                          | Plugging cycles               | 750                                    |

## Electrical properties

|  |   |  |                |
|--|---|--|----------------|
| Dielectric strength, contact / shield PoE / PoE+ | ≥ 1500 V AC/DC conforming to IEEE 802.3bt | Dielectric strength, contact / contact | ≥ 1000 V AC/DC |
|--|---|--|----------------|

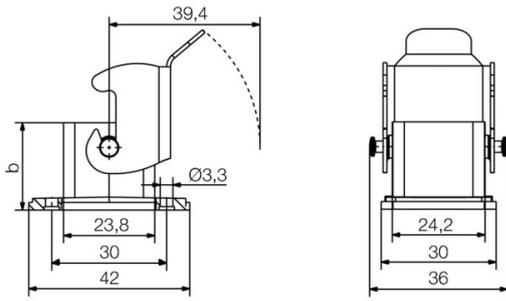
## General standards

|                    |  |                         |         |
|--------------------|--|-------------------------|---------|
| Connector standard | IEC 61076-3-106 Var. 5, IEC 60603-7-51 | Certificate no. (cULus) | E316369 |
|--------------------|--|-------------------------|---------|

## 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



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## Accessories

### Dust caps



For protecting your devices against dust and dirt.

### General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | IE-BP-V05M                 | Version                                |  |
| Order No.  | <a href="#">1968930000</a> | Flange-mounted housing, protective cap |  |
| GTIN (EAN) | 4032248692 125             |  |  |
| Qty.       | 10 ST                      |  |  |