

**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 ST                                                                                    |

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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 with exemption

RoHS Exemption (if applicable/known) 6b1

REACH SVHC Lead 7439-92-1, 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 | ≥ 1500 V AC/DC             | Dielectric strength, contact / contact | ≥ 1000 V AC/DC |
| PoE / PoE+                            | conforming to IEEE 802.3bt |                                        |                |

## General standards

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

## Classifications

|            |             |             |             |
|------------|-------------|-------------|-------------|
| ETIM 6.0   | EC001121    | ETIM 7.0    | EC001121    |
| ETIM 8.0   | EC001121    | ETIM 9.0    | EC001121    |
| ETIM 10.0  | EC001121    | ECLASS 9.0  | 27-44-03-90 |
| ECLASS 9.1 | 27-44-03-90 | ECLASS 10.0 | 27-44-03-90 |

Creation date 05.07.2025 12:34:20 MEZ

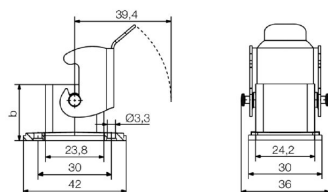
Catalogue status / Drawings

### Technical data

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ECLASS 11.0 | 27-44-03-90 | ECLASS 12.0 | 27-44-03-90 |
| ECLASS 13.0 | 27-44-03-90 | ECLASS 14.0 | 27-44-03-90 |
| ECLASS 15.0 | 27-44-03-90 |             |             |

## Drawings

### Dimensioned drawing



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