

**IE-BS-V01M-RJ45-FJ-A****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 metal insert incl.  
RJ45 insert

**General ordering data**

Version	Flange RJ45, IP67, Variant 1 metal, IDC, EIA/TIA 586 A, Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010)
Order No.	<a href="#">1963480000</a>
Type	IE-BS-V01M-RJ45-FJ-A
GTIN (EAN)	4032248645572
Qty.	10 pc(s).

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**Technical data****Dimensions and weights**

Height	32 mm	Height (inches)	1.26 inch
Width	32 mm	Width (inches)	1.26 inch
Net weight	61.4 g		

**Temperatures**

Operating temperature	-40 °C...70 °C
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**General data**

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 1 metal, IDC, EIA/TIA 586 A	Wiring	TIA-568A
Seal material	EPDM	Colour	Miscellaneous
Housing main material	Zinc diecast	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	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 / contact PoE / PoE+	≥ 1000 V AC/DC conforming to IEEE 802.3bt	Dielectric strength, contact / shield	≥ 1500 V AC/DC
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**General standards**

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

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC001121	ETIM 9.0	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
ECLASS 12.0	27-44-03-90	ECLASS 13.0	27-44-03-90

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	c1a8d9e9-fd0c-4258-8c31-7317a7b4ce18

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## Technical data

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">GOST Approval</a> <a href="#">ISO/IEC and TIA/EIA DE</a> <a href="#">ISO/IEC EN and TIA/EIA Screened Class E Category 6, 3 connector permanent link</a> <a href="#">ISO/IEC EN and TIA/EIA Screened Class E Category 6, 4 connector channel</a> <a href="#">ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 2 connector channel</a> <a href="#">DUXR.E316369</a> <a href="#">Compliance Statement Screened Category 6 ISO/IEC EN and TIA/EIA Connecting Hardware</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">Technical change to Bulkhead Variant 1 (Metal) - EN</a> <a href="#">Technical change to Bulkhead Variant 1 (Metal) - DE</a> <a href="#">20190724 Technische Änderung zu Flansch Variante 1 (Metall)</a> <a href="#">20190724 Technische Änderung zu Flansch Variante 1 (Metall)</a> <a href="#">20190724 Technical change to Bulkhead Variant 1 (Metal)</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Designation key / Type key</a> <a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB FREECONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>

## IE-BS-V01M-RJ45-FJ-A

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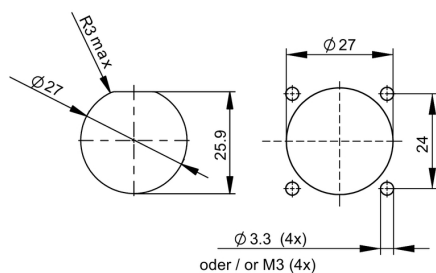
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## Drawings

### Installation cut-out



Mounting cut-out: 1. With central screw connection / 2. For mounting with four M3 screws

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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-V01P	Version
Order No.	<a href="#">1965700000</a>	Flange-mounted housing, protective cap
GTIN (EAN)	4032248653928	
Qty.	10 pc(s).	