

**Industrial Ethernet
IE-PS-V01P-RJ45-FH**

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

Type	IE-PS-V01P-RJ45-FH
Order No.	1012490000
Version	RJ45 plug, no tools required, Variant 1 plastic, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
GTIN (EAN)	4032248720132
Qty.	10 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	39.015 g
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Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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. 6 _A / Class E _A (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	M ₃
MICE classification I	I ₃	MICE classification C	C ₁
MICE classification E	E ₃	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
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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		

Approvals

Approvals



ROHS	Conform
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Data sheet**Industrial Ethernet
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	DUXR.E316369
Brochure/Catalogue	CAT 9 IETH 18/19 EN MB FREECONCONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
Engineering Data	WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key

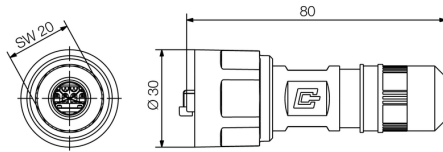
Data sheet

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Drawings

Dimensioned drawing



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Mating connector (fully pluggable)

Sets - RJ45



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

General ordering data

Type	IE-BS-V01P-RJ45-C	Version
Order No.	1012370000	Flange RJ45, IP67, Variant 1 plastic, RJ45 / RJ45 coupling, Cat.6 _A /
GTIN (EAN)	4032248720026	Class E _A (ISO/IEC 11801 2010)
Qty.	10 pc(s).	
Type	IE-BS-V01P-RJ45-FJ-A	Version
Order No.	1012380000	Flange RJ45, IP67, Variant 1 metal, IDC, EIA/TIA 586 A, Cat.6 _A /
GTIN (EAN)	4032248720033	Class E _A (ISO/IEC 11801 2010)
Qty.	10 pc(s).	

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Accessories

Pressing tool



When working with live voltages, you must follow special guidelines and use special tools - tools which have been specially produced and tested for this purpose. Weidmüller offers a complete line of pliers which comply with national and international testing standards. All pliers are produced and tested according to DIN EN 60900. The pliers are ergonomically designed to fit to the hand form, and thus feature an improved hand position. The fingers are not pressed together - this results in less fatigue during operation.

General ordering data

Type	PWZ RJ45	Version	
Order No.	1118040000	Pressing tool for pressing together both housing parts for on-site assembly of the RJ45 plug	
GTIN (EAN)	4032248899197		
Qty.	1 pc(s).		

Dust caps



For protecting your devices against dust and dirt.

Dust caps

General ordering data

Type	IE-PP-V01P	Version	
Order No.	1965690000	Plug housing protective cap	
GTIN (EAN)	4032248653911		
Qty.	10 pc(s).		

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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from the following manufacturers:

- Siemens
- Télémecanique
- ABB
- Beckhoff
- Lumberg
- Tags for all-purpose usage; self-adhesive or clip-on tags, depending on the type

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

Please note that these markers are not intended for printing with the SpeedMarking laser.

General ordering data

Type	ESG 9/11 K MC NE WS	Version
Order No.	1857440000	ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive
GTIN (EAN)	4032248402731	
Qty.	200 pc(s).	