IE-PS-V01P-RJ45-FH-BP

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

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 metal, with kink prevention, Cat.6_A / Class E_A (ISO/IEC 11801 2010)
Order No.	1012570000
Type	IE-PS-V01P-RJ45-FH-BP
GTIN (EAN)	4032248720200
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	46 g

Temperatures

Operating temperature	-40 °C...70 °C

General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 1 metal, with kink prevention	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)		

Electrical properties

Dielectric strength, contact / contact	≥ 1000 V AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/DC

General standards

Application-specific communication cable facilities	PROFINET installation instructions	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
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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1
SCIP	11b17e97-f803-4c09-9278-b20f22f15f81

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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	ISO/IEC and TIA/EIA DE DUXR.E316369
Engineering Data	CAD data – STEP
Product Change Notification	20210412 Technical change for cap nut V1 and V4 20210412 Technische Änderung zu Hutmutter V1 und V4
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONCONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

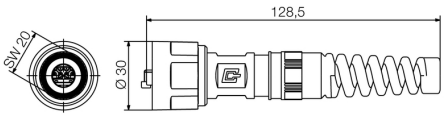
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Drawings

Dimensioned drawing



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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 tools
GTIN (EAN)	4032248899197	
Qty.	1 pc(s).	

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 manufacturers like Siemens, ABB, Beckhoff etc.
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.

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).	

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Accessories

Dust caps



For protecting your devices against dust and dirt.

General ordering data

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