IE-PS-RJ45-FH-90-A-1.1

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

www.weidmueller.com



RJ45 plug-in connector (no tools required) according to IEC 60603-7-51.

General ordering data

Version	RJ45 plug with piercing contacts, angled, 4x90°, Cat.6_A / Class E_A (ISO/IEC 11801 2010), EIA/TIA T568 A
Order No.	1518080000
Type	IE-PS-RJ45-FH-90-A-1.1
GTIN (EAN)	4050118324969
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	30 g

Temperatures

Operating temperature	-40 °C...85 °C

General data

Outlet direction	angled, 0°, 180°, 270°, 90°	Connection 1	RJ45
Connection 2	Piercing	Wiring	EIA/TIA T568 A
Housing main material	Zinc diecast, nickel-plated	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.1 mm	Category	Cat.6_A / Class E_A (ISO/IEC 11801 2010)
Contact surface	Gold over nickel	Connection diameter, solid	0.41...0.51 mm
Conductor connection cross-section, solid (AWG)	AWG 26...AWG 24	Connection diameter, flexible	0.46...0.61 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24	Conductor connection cross-section, extremely flexible	0.51, Approval of the cable by Weidmüller necessary
Conductor connection cross-section, extremely flexible (AWG)	AWG 26, Approval of the cable by Weidmüller necessary	Note, very finely stranded line connection	Approval of the cable by Weidmüller necessary
Sheath diameter, min.	5 mm	Sheath diameter, max.	9 mm
Shielding	360° all-round enclosure	Protection degree	IP20
Plugging cycles	750	Ability to reconnect	≤ 4 cycles (with the same cross-section)

Electrical properties

Contact resistance	≤ 20 mΩ	Current-carrying capacity at 50 °C	1 A
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Insulation strength	≥ 500 MΩ	PoE / PoE+	conforming to IEEE 802.3at

General standards

Certificate No. (DNV)	TAE00003EW	Certificate no. (cULus)	E471884
Connector standard	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

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E471884

Downloads

Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONCONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

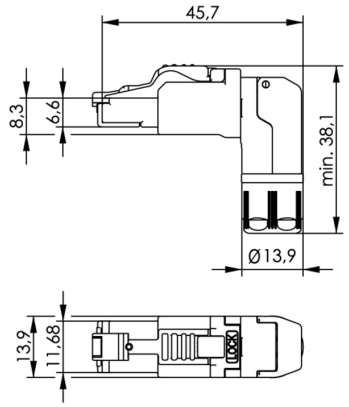
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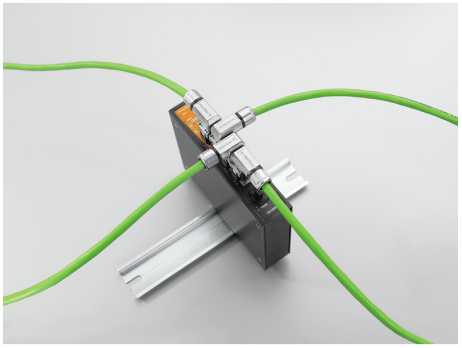
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Drawings

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).	

Dust caps



For protecting your devices against dust and dirt.

General ordering data

Type	IE-PP-RJ45
Order No.	2552580000
GTIN (EAN)	4050118562583
Qty.	10 pc(s).

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Accessories

Substitute wire manager



RJ45 plug-in connector (no tools required) according to IEC 60603-7-51.

General ordering data

Type	IE-PI-RJ45-FH-A-1.1	Version
Order No.	1992920000	Substitute wire manager, Cat.6A / Class EA (ISO/IEC 11801 2010),
GTIN (EAN)	4050118377965	EIA/TIA T568 A
Qty.	30 pc(s).	
Type	IE-PI-RJ45-FH-B-1.1	Version
Order No.	1992930000	Substitute wire manager, Cat.6A / Class EA (ISO/IEC 11801 2010),
GTIN (EAN)	4050118378139	EIA/TIA T568 B
Qty.	30 pc(s).	
Type	IE-PI-RJ45-FH-B-1.6	Version
Order No.	1992900000	Substitute wire manager, Cat.6A / Class EA (ISO/IEC 11801 2010),
GTIN (EAN)	4050118378146	EIA/TIA T568 B
Qty.	30 pc(s).	
Type	IE-PI-RJ45-FH-A-1.6	Version
Order No.	1992880000	Substitute wire manager, Cat.6A / Class EA (ISO/IEC 11801 2010),
GTIN (EAN)	4050118378030	EIA/TIA T568 A
Qty.	30 pc(s).	
Type	IE-PI-RJ45-FH-P-1.6	Version
Order No.	1992910000	Substitute wire manager, Cat.5 (ISO/IEC 11801), PROFINET
GTIN (EAN)	4050118378047	
Qty.	30 pc(s).	