

**Industrial Ethernet
IE-PI-RJ45-FH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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Fax: +49 5231 14-292083

www.weidmueller.com



RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and
junction boxes IE-OM...; IE-OP...; IE-CC...

General ordering data

Type	IE-PI-RJ45-FH
Order No.	1962730000
Version	RJ45 insert, Plug insert RJ45, no tools required, TIA-568A, EIA/TIA T568 B, PROFINET
GTIN (EAN)	4032248654017
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	24 g
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Temperatures

Operating temperature	-40 °C...+70 °C	Storage temperature
Installation temperature		

Downloads

Attestation of conformity ISO/IEC EN & TIA/EIA Screened Class EA Category 6A, 4 connector channel	z1755b-07-E.pdf	GOST Approval	POCC DE.ME25.B01411.pdf
PROFINET Manufacturer's Declaration	PN Manufacturer Declaration.pdf	UL Approval	DUXR.E316369.pdf

General data

Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	Colour	Miscellaneous
Connection 1	RJ45	Connection 2	IDC
Contact surface	Gold over nickel	Description of article	Plug insert RJ45, no tools required
Housing main material	Zinc diecast	Insulation cross-section, max.	1.6 mm
Insulation cross-section, min.	0.85 mm	Plugging cycles	750
Protection degree	IP 67 with housing	Shielding	360° all-round enclosure
Speed	10 GBit	Wire connection diameter, flexible, max.	0.76 mm
Wire connection diameter, flexible, min.	0.48 mm	Wire connection diameter, solid, max.	0.64 mm
Wire connection diameter, solid, min.	0.4 mm	Wire cross-section, finely stranded, max. (AWG)	AWG 22
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, solid, max. (AWG)	AWG 22
Wire cross-section, solid, min. (AWG)	AWG 24	Wiring	TIA-568A, EIA/TIA T568 B, PROFINET

Electrical properties

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

Standards

Generic communication cable facilities	ANSI / TIA / EIA-568-B.2-10, DIN EN 61918 Draft 02.2007, EN 50173-1:2007, ISO / IEC 11801:2002, ISO / IEC 24702:2006	Application-specific communication cable facilities	PROFINET installation instructions
IP protection classes	IEC 60529	Connector standard	IEC 60603-7-51
UL standard for communication accessories	UL 1863		

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Technical data**Classifications**

ETIM 3.0	EC001121	UNSPSC	30-21-18-01
eClass 5.1	27-14-40-17	eClass 6.2	27-25-05-04
eClass 7.1	27-25-05-04		

Approvals

Approvals



ROHS

Conform

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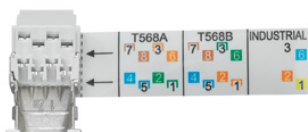
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Drawings

Printing



Dimensioned drawing

