

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

Klingenbergstraße 16

D-32758 Detmold

Germany

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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-TH
Order No.	1962720000
Version	RJ45 plug-in connector, Plug insert RJ45, crimp
GTIN (EAN)	4032248644834
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	13.5 g
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Temperatures

Humidity	0...93 % rel. humidity	Operating temperature, max.	70 °C
Operating temperature, min.	-40 °C	Operating temperature	-40 °C...70 °C
Storage temperature		Installation temperature	

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Plug insert RJ45, crimp	Colour	Miscellaneous
Shock resistance acc. to IEC 60512-4	250 ms ⁻²	Vibration resistance acc. to IEC 60512-4	50 ms ⁻² sinusoidal (9...500 Hz)
Humidity	0...93 % rel. humidity	Housing main material	Brass, PC UL 94 V0
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.05 mm
Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)	Contact material	Phosphorus bronze
Contact surface	Gold over nickel, Au ≥ 0.8 µm, Ni 2.54 µm	Connection diameter, solid	0.4...0.51 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 24	Connection diameter, flexible	0.46...0.61 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24	Shielding	360°; all-round enclosure
Protection degree	IP67 with housing	Plugging cycles	750

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 strength	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	IP protection classes	IEC 60529
Connector standard	IEC 60603-7-51	UL standard for communication accessories	UL 1863
Certificate No. (cURus)	E316369		

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Classifications

ETIM 3.0	EC001121	ETIM 4.0	EC001121
ETIM 5.0	EC001121	ETIM 6.0	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
eClass 8.1	19-17-01-25	eClass 9.0	27-44-03-90
eClass 9.1	27-44-03-90		

Approvals

Approvals



ROHS

Conform

Downloads

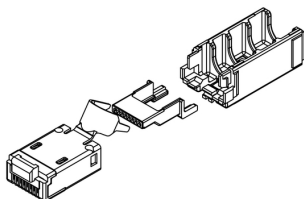
Approval/Certificate/Document of Conformity	GOST Approval CC-Link IE-PI-RJ45-TH
Brochure/Catalogue	CAT 9 IETH 15/16 EN CAT 3 HDC 17/18 EN MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

Drawing



Dimensioned drawing

