

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

Creation date February 15, 2023 4:19:48 PM CET

Catalogue status 03.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	17.4 g
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Temperatures

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

General data

Fire load	49 kJ	Connection 1	RJ45
Connection 2	IDC	Description of article	Plug insert RJ45, no tools required
Wiring	TIA-568A, EIA/TIA T568 B, PROFINET	Colour	Miscellaneous
Housing main material	Zinc diecast	Speed	10 GBit/s
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, Au ≥ 0.8 µm
Connection diameter, solid	0.4...0.64	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
Conductor connection cross-section, extremely flexible	, Approval of the cable by Weidmüller necessary	Conductor connection cross-section, extremely flexible (AWG)	, Approval of the cable by Weidmüller necessary
Note, very finely stranded line connection	Approval of the cable by Weidmüller necessary	Shielding	360°; all-round enclosure
Protection degree	IP67 with housing	Plugging cycles	750
Ability to reconnect	≥ 10 cycles (for the same or larger cross-section)		

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

General standards

Application-specific communication cable facilities	PROFINET installation instructions	Certificate No. (cURus)	E471884
Certificate no. (cULus)	E316369	Connector standard	IEC 60603-7-51
IP protection classes	IEC 60529	UL standard for communication accessories	UL 1863

Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	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

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E471884
Certificate no. (cULus)	E316369

Downloads

Approval/Certificate/Document of Conformity	GOST Approval ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 4 connector channel DUXR.E316369 CC-Link IE-PI-RJ45-FH
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, Zuken E3.S
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key Manual
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN FL FIELDWIRING EN PI PROFINET CABLING EN

Data sheet

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Drawings

Printing

Dimensioned drawing

