

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 March 26, 2021 3:35:57 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight	17.5 g
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Temperatures

Operating temperature	-40 °C...70 °C
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General data

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.6A / Class E _A (ISO/IEC 11801 2010)
Contact surface	Gold over nickel, Au ≥ 0.8 µm	Connection diameter, solid	0.4...0.64 mm
Wire connection diameter, solid, min.	0.4 mm	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
Wire connection diameter, solid, max.	0.64 mm	Connection diameter, flexible	0.48...0.76 mm
Wire cross-section, solid, min. (AWG)	AWG 24	Wire cross-section, solid, max. (AWG)	AWG 22
Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22	Wire connection diameter, flexible, min.	0.48 mm
Wire connection diameter, flexible, max.	0.76 mm	Wire cross-section, finely stranded, min. (AWG)	AWG 26
Wire cross-section, finely stranded, max. (AWG)	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

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
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

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	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	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key Manual

Data sheet

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Drawings

Printing

Dimensioned drawing

