

IE-PI-RJ45-FH-A**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
Order No.	1132010000
Type	IE-PI-RJ45-FH-A
GTIN (EAN)	4032248912001
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	5.87 g
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Temperatures

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

Fire load	49 kJ	Connection 1	RJ45
Connection 2	IDC	Description of article	Plug insert RJ45, no tools required
Wiring	TIA-568A	Colour	Miscellaneous
Speed	10 GBit/s	Insulation cross-section, min.	0.85
Insulation cross-section, max.	1.6	Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)
Connection diameter, solid	0.4...0.64	Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22
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
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
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
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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E316369

Creation date January 21, 2022 1:31:12 AM CET

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Technical data

Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369 CC-Link IE-PI-RJ45-FH
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

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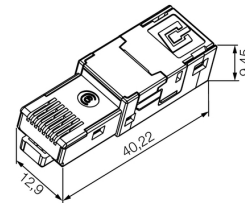
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Drawings

Printing



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).	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[1132010000](#)