

**IE-PI-RJ45-FH-P****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, PROFINET
Order No.	<a href="#">1132030000</a>
Type	IE-PI-RJ45-FH-P
GTIN (EAN)	4032248912131
Qty.	10 pc(s).

Creation date March 23, 2021 1:20:35 AM 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	3.14 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	PROFINET
Colour	Miscellaneous	Housing main material	Zinc diecast
Speed	100 MBit/s	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.5 (ISO/IEC 11801)
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	Wire cross-section, solid, min.	0.128 mm <sup>2</sup>
Wire cross-section, solid, max.	0.324 mm <sup>2</sup>	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.	0.483 mm
Wire connection diameter, flexible, max.	0.762 mm	Wire connection cross section, finely stranded, min.	0.141 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	0.355 mm <sup>2</sup>	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 60603-7-5 1	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	<a href="#">DUXR.E316369</a> <a href="#">CC-Link IE-PI-RJ45-FH</a> <a href="#">PROFINET Manufacturer's Declaration</a>
Product Change Notification	<a href="#">TI_20171120_RJ45PN</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Designation key / Type key</a> <a href="#">Manual</a>

**Data sheet**

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**Drawings**

**Printing**



**Dimensioned drawing**

