

IE-PI-RJ45-FH-B**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,
HDC and junction boxes IE-OM...; IE-OP...; IE-CC...

General ordering data

Version	Plug insert RJ45 IDC, Plug insert RJ45, no tools required, EIA/TIA T568 B
Order No.	1132020000
Type	IE-PI-RJ45-FH-B
GTIN (EAN)	4032248912056
Qty.	10 pc(s).

IE-PI-RJ45-FH-B

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Technical data

Dimensions and weights

Net weight	17 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	EIA/TIA T568 B	Colour	Miscellaneous
Housing main material	Zinc diecast	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.6A / Class EA (ISO/IEC 11801 2010)
Contact surface	Gold over Nickel, Au ≥ 0.8 µm	Connection diameter, solid	0.4...0.64 mm
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	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 AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/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
ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	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
ECLASS 13.0	27-44-03-90	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Creation date May 15, 2025 8:42:59 PM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

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www.weidmueller.com**Technical data****Important note**

Product information	RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and HDC
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Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E471884
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Certificate no. (cULus)	E316369
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Downloads

Approval/Certificate/Document of Conformity	DUXR.E316369 CC-Link IE-PI-RJ45-FH
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Engineering Data	CAD data – STEP
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User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key Manual
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Catalogues	Catalogues in PDF-format
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Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN FL FIELDWIRING EN PI PROFINET CABLING EN
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Drawings

Printing



Dimensioned drawing

