

IE-PI-RJ45-FH-A-1.6

Weidmüller Interfaces GmbH & Co. KG

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RJ45 plug-in connector (no tools required) according to IEC 60603-7-51.

General ordering data

Version	Substitute wire manager, Cat.6A / Class EA (ISO/IEC 11801 2010), EIA/TIA T568 A
Order No.	1992880000
Type	IE-PI-RJ45-FH-A-1.6
GTIN (EAN)	4050118378030
Qty.	30 pc(s).

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Technical data

Dimensions and weights

Net weight	4.167 g	www.weidmueller.com
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Temperatures

Operating temperature	-40 °C...85 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C		

General data

Wiring	EIA/TIA T568 A	Speed	10 GBit
Insulation cross-section, min.	1.1 mm	Insulation cross-section, max.	1.6 mm
Category	Cat.6A / Class EA (ISO/IEC 11801 2010)	Connection diameter, solid	0.51...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22	Connection diameter, flexible	0.46...0.76 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 22	Conductor connection cross-section, extremely flexible	0.61...0.78 mm, Approval of the cable by Weidmüller necessary
Conductor connection cross-section, extremely flexible (AWG)	AWG 24...AWG 22, Approval of the cable by Weidmüller necessary	Note, very finely stranded line connection	Approval of the cable by Weidmüller necessary
Shielding	360° shield contact	Protection degree	IP20
Ability to reconnect	≤ 4 cycles (with the same 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	Connector standard	IEC 60603-7-51
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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

Approvals

Approvals



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

Creation date March 9, 2023 2:57:32 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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