

**IE-PI-RJ45-FH-B-1.6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

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 B
Order No.	<a href="#">1992900000</a>
Type	IE-PI-RJ45-FH-B-1.6
GTIN (EAN)	4050118378146
Qty.	30 pc(s).

## IE-PI-RJ45-FH-B-1.6

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## Technical data

## Dimensions and weights

Net weight	4.233 g
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## Temperatures

Operating temperature	-40 °C...85 °C
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## General data

Wiring	EIA/TIA T568 B	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 AC/DC	Dielectric strength, contact / shield	≥ 1500 V AC/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	ETIM 9.0	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

## Approvals

Approvals



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

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[PROFINET Manufacturer's Declaration](#)

User Documentation

[MAN IE GUIDE DE](#)

[MAN IE GUIDE EN](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[MB FREECONTACT EN](#)

[FL FIELDWIRING EN](#)

[PI PROFINET CABLING EN](#)

[PI PROFINET CABLING EN](#)