

IE-PS-RJ45-TH-BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

RJ45 crimp plug-in connector according to IEC
60603-7-51 for wire outer diameters up to 1.05 mm

General ordering data

Version	RJ45 crimp plug, Plug with bending protection sleeve in black, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Order No.	1963590000
Type	IE-PS-RJ45-TH-BK
GTIN (EAN)	4032248645695
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	10.2 g
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Temperatures

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

Connection 1	RJ45	Connection 2	Crimp
Description of article		Configuration	Connects piercing contacts and shielded connections in one step, retro-fit for kink-prevention sleeves, Multi-port compatible
	Plug with bending protection sleeve in black		
Colour	Miscellaneous	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.05 mm	Cable pull-out force, min.	89 N
Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)	Contact material	Phosphorus bronze
Contact surface	Gold-plated	Connection diameter, solid	0.36...0.51 mm
Conductor connection cross-section, solid (AWG)	AWG 27...AWG 24	Connection diameter, flexible	0.46...0.61 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24	MICE classification M	M ₁
MICE classification I	I ₁	MICE classification C	C ₁
MICE classification E	E ₃	Sheath diameter, min.	5 mm
Sheath diameter, max.	7.3 mm	Bending protection sleeve material	Polycarbonate PC, UL 94 V-0
Shielding material	0.5 mm brass, 2 µm nickel	Shielding	360°; all-round enclosure
Protection degree	IP20	Plugging cycles	750
Material insulator	Polycarbonate PC, UL 94 V-0		

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 802.3af

General standards

Certificate No. (cURus)	E316369	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
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		

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Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319218/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E316369

Downloads

Approval/Certificate/Document of Conformity	ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 4 connector channel C-Link IE-PS-RJ45-TH-BK UL Approval
Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format
Brochures	MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

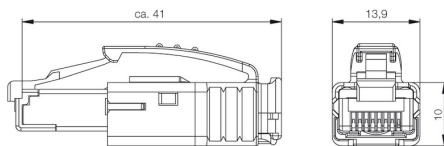
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Drawings

Dimensioned drawing



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Accessories**... for modular plug-in connectors****Crimping tools for modular plug-in connector systems WE and DEC**

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- Three functions in one tool

General ordering data

Type	TT 8 RS MP 8	Version
Order No.	9202800000	Pressing tools, Crimping tool for contacts
GTIN (EAN)	4032248512072	
Qty.	1 pc(s).	

Dust caps

For protecting your devices against dust and dirt.

General ordering data

Type	IE-PP-RJ45
Order No.	2552580000
GTIN (EAN)	4050118562583
Qty.	10 pc(s).

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Accessories

Antikink bushings



Weidmüller IP 20 plug-in connectors in the crimp version are best used together with the antikink grommets available in various colours to help identify the plugs as well as protect locking levers and prevent strain on the cables.

Features:

- 7 different colours

General ordering data

Type	IE-PH-RJ45-TH-OG	Version
Order No.	1962450000	Bending protection sleeve, orange
GTIN (EAN)	4032248644483	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-YE	Version
Order No.	1962480000	Bending protection sleeve, yellow
GTIN (EAN)	4032248644612	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-BK	Version
Order No.	1962500000	Bending protection sleeve, black
GTIN (EAN)	4032248644636	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-GN	Version
Order No.	1962490000	Bending protection sleeve, green
GTIN (EAN)	4032248644629	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-BU	Version
Order No.	1962470000	Bending protection sleeve, blue
GTIN (EAN)	4032248644506	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-GY	Version
Order No.	1962440000	Bending protection sleeve, grey
GTIN (EAN)	4032248644476	
Qty.	10 pc(s).	
Type	IE-PH-RJ45-TH-WH	Version
Order No.	1962430000	Bending protection sleeve, white
GTIN (EAN)	4032248644469	
Qty.	10 pc(s).	