IE-PS-RJ45-TH-BK

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.6A / Class EA (ISO/IEC 11801 2010)
Order No.	1963590000
Type	IE-PS-RJ45-TH-BK
GTIN (EAN)	4032248645695
Qty.	10 items

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IE-PS-RJ45-TH-BK

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E316369

Dimensions and weights

Net weight	10.2 g

Temperatures

Storage temperature		Operating temperature	-40 °C...70 °C
Installation temperature			

Environmental Product Compliance

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

General data

Connection 1	RJ45	Connection 2	Crimp
Description of article	Plug with bending protection sleeve in black	Composition	Connects piercing contacts and shielded connections in one step, retro-fit for kink-prevention sleeves, Multi-port compatible
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 EA (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	M1
MICE classification I	I1	MICE classification C	C1
MICE classification E	E3	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

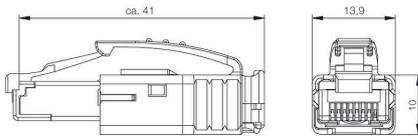|			
Contact resistance	≤ 20 mΩ	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Insulation resistance	500 MΩ
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3af

IE-PS-RJ45-TH-BK

Technical data

General standards

Certificate No. (cURus)	E316369	Connector standard	IEC 60603-7-51

Classifications

ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	EC001121	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

IE-PS-RJ45-TH-BK

Drawings

Dimensioned drawing

Weidmüller ⋺⋲

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-WH	Version
Order No.	1962430000	Bending protection sleeve, white
GTIN (EAN)	4032248644469	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-GN	Version
Order No.	1962490000	Bending protection sleeve, green
GTIN (EAN)	4032248644629	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-GY	Version
Order No.	1962440000	Bending protection sleeve, grey
GTIN (EAN)	4032248644476	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-YE	Version
Order No.	1962480000	Bending protection sleeve, yellow
GTIN (EAN)	4032248644612	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-OG	Version
Order No.	1962450000	Bending protection sleeve, orange
GTIN (EAN)	4032248644483	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-BK	Version
Order No.	1962500000	Bending protection sleeve, black
GTIN (EAN)	4032248644636	
Qty.	10 ST	

Type	IE-PH-RJ45-TH-BU	Version
Order No.	1962470000	Bending protection sleeve, blue
GTIN (EAN)	4032248644506	
Qty.	10 ST	

... 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

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Accessories

General ordering data

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

Dust caps

For protecting your devices against dust and dirt.

General ordering data

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