Industrial Ethernet
IE-PS-V05M-RJ45-FH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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HDC plug-in connector set according to IEC 61076-3-106 ver.5 in metal, with RJ45 insert

General ordering data

Type	IE-PS-V05M-RJ45-FH
Order No.	1963200000
Version	RJ45 plug, no tools required, Variant 5, Cat.6_A / Class E_A (ISO/IEC 11801 2010)
GTIN (EAN)	4032248651689
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	90.873 g

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...70 °C	Storage temperature	
Installation temperature			

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Variant 5	Colour	black
Housing main material	diecast aluminium	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.6_A / Class E_A (ISO/IEC 11801 2010)
Contact surface	Gold over nickel	Connection diameter, solid	0.4...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22	Connection diameter, flexible	0.48...0.76 mm
Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22	MICE classification M	M_3
MICE classification I	I_3	MICE classification C	C_1
MICE classification E	E_3	Sheath diameter, min.	5 mm
Sheath diameter, max.	12 mm	Shielding	360° all-round enclosure
Protection degree	IP67	Plugging cycles	750
Ability to reconnect	≥ 10 cycles (for the same or larger cross-section)		

Standards

Generic communication cable facilities	ANSI / TIA / EIA-568-B.2-10, DIN EN 61918 Draft 02.2007, EN 50173-1:2007, ISO / IEC 11801:2002, ISO / IEC 24702:2006	Application-specific communication cable facilities	PROFINET installation instructions
Connector standard	IEC 61076-3-106 Var. 5, IEC 60603-7-51	Certificate no. (cULus)	E316369

Classifications

ETIM 3.0	EC001121	ETIM 4.0	EC002641
ETIM 5.0	EC002641	ETIM 6.0	EC001121
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-08
eClass 6.2	27-26-07-08	eClass 7.1	27-25-05-04
eClass 8.1	19-17-01-25	eClass 9.0	27-44-03-90
eClass 9.1	27-44-03-90		

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Approvals

Approvals	c UL us LISTED
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	GOST Approval DUXR.E316369 PROFINET Manufacturer's Declaration
Brochure/Catalogue	CAT 9 IETH 15/16 EN CAT 3 HDC 17/18 EN MB FREECONCONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

Dimensioned drawing

