Data sheet

IE-PS-V05M-RJ45-FH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



HDC plug-in connector set according to IEC 61076-3-106 ver.5 in metal, with RJ45 insert

General ordering data

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

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E316369

Dimensions and weights

Net weight	90.87 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bI, 6c
REACH SVHC	Lead 7439-92-1
SCIP	4f3aae94-c2bc-4010-b63b-5b114ba6bd55

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.6A / Class EA (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	M3
MICE classification I	I3	MICE classification C	C1
MICE classification E	E3	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)		

Electrical properties

Dielectric strength, contact / shield	≥ 1500 V AC/DC	Dielectric strength, contact / contact	≥ 1000 V AC/DC

General standards

Connector standard	IEC 61076-3-106 Var. 5, IEC 60603-7-51	Application-specific communication cable facilities	PROFINET installation instructions
Certificate no. (cULus)	E316369		

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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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Drawings

Dimensioned drawing

