

Han PP V14 RJ45 Cat5 plug 4p IDC 6.5-9.5



Image is for illustration purposes only. Please refer to product description.

Part number	09 35 221 0421
Specification	Han PP V14 RJ45 Cat5 plug 4p IDC 6.5-9.5
HARTING eCatalogue	https://harting.com/09352210421

Identification

Category	Connectors
Series	Han® PushPull (V14) RJ45
Element	Connector sets
Features	Intuitive locking mechanism Field assembly without tools

Version

Termination method	IDC insulation displacement termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	4
Locking type	PushPull
Details	When installing a PROFINET system, observe the PROFINET installation guideline.
Pack contents	incl. housing and male insert

Technical characteristics

Conductor cross-section	0.22 ... 0.32 mm² Stranded 0.26 ... 0.32 mm² Solid
Conductor cross-section [AWG]	AWG 24/7 ... AWG 22/7 Stranded AWG 23/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm
Rated current	1.75 A
Rated voltage	50 V
Transmission characteristics	Cat. 5 Class D up to 100 MHz



Pushing Performance
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Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
Limiting temperature	-40 ... +70 °C
Storage temperature	+5 ... +50 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65
	IP67
Clamping range	6.5 ... 9.5 mm

Material properties

Surface (contacts)	Au over Ni Mating side
	Sn over Ni Termination side
Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material (O-ring)	NBR
Material (cable seal)	TPE
Material flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14)
	IEC 60603-7 Mating face
	EN 45545-2



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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	10
Net weight	25.42 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140053977
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408