

## Han PP metal V14 RJ45 Cat5 plug 4p IDC



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

Part number	09 35 221 0401
Specification	Han PP metal V14 RJ45 Cat5 plug 4p IDC
HARTING eCatalogue	<a href="https://harting.com/09352210401">https://harting.com/09352210401</a>

### Identification

Category	Connectors
Series	Han <sup>®</sup> PushPull (V14)
Identification	RJ45
Element	Connector sets
Specification	AIDA compliant
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 mm <sup>2</sup> Stranded
	0.26 ... 0.32 mm <sup>2</sup> 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



**Pushing Performance**  
 Since 1945

## Technical characteristics

Rated voltage	50 V
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +70 °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)	Zinc die-cast
Surface (hood/housing)	Nickel plated
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 Triphenyl phosphate
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)
Requirement set with Hazard Levels	R26



**Pushing Performance**  
Since 1945

## Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2
UL / CSA	UL 1977 ECBT2.E235076
Approvals	DNV GL
PROFINET	Yes

## Commercial data

Packaging size	10
Net weight	50 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140053960
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408