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Pushing Performance
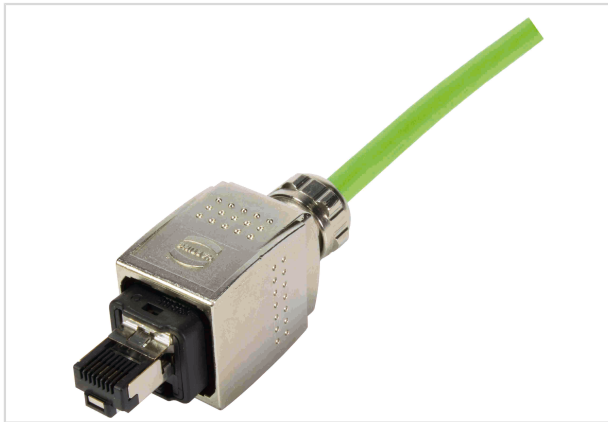
Han PP RJ45 PN METAL PLUG SET

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

Part number	09 35 226 0401
Specification	Han PP RJ45 PN METAL PLUG SET
HARTING eCatalogue	https://b2b.harting.com/09352260401

Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	RJ45
Element	Connector sets
Specification	AIDA compliant PROFINET-Identification: PROFINET O-Plug RJ45
Features	Intuitive locking mechanism field assembly without tolls

Version

Termination method	IDC termination
Locking type	PushPull
Shielding	Fully shielded, 360° shielding contact
Number of contacts	4
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 24/7 ... AWG 22/7 Stranded AWG 23/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm
Rated current	1.75 A

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Technical characteristics

Rated voltage	50 V
Limiting temperature	-40 ... +70 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	6.5 ... 9.5 mm
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s

Material properties

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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face DIN EN 45545-2 R22: HL1, HL2, HL3 DIN EN 45545-2 R23: HL1, HL2, HL3
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

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Commercial data

Packaging size	10
Net weight	75 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)

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