Product data sheet
09 35 226 0403
Han PP RJ45 PN metal plug set 45° top

HARTING®

Pushing Performance

Han PP RJ45 PN metal plug set 45° top

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

Part number	09 35 226 0403
Specification	Han PP RJ45 PN metal plug set 45° top
HARTING eCatalogue	https://b2b.harting.com/09352260403

Identification

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

Version

Termination method	IDC termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	4
Version	Top entry
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 24/7 ... AWG 22/7 Stranded
	AWG 23/1 ... AWG 22/1 Solid
Wire outer diameter	≤1.6 mm

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HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

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Technical characteristics

Rated current	1.75 A
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel Lead

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC 60603-7 Mating face EN 45545-2 R22: HL1, HL2, HL3 EN 45545-2 R23: HL1, HL2, HL3

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Specifications and approvals

Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	80.68 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)

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