

Han PP Power L Met plug var cod 9-13mm



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

Part number	09 35 434 0401
Specification	Han PP Power L Met plug var cod 9-13mm
HARTING eCatalogue	https://b2b.harting.com/09354340401

Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Power L
Element	Connector sets
Specification	AIDA compliant With variable coding
Features	Intuitive locking mechanism field assembly without tools

Version

Termination method	Spring clamp termination
Locking type	PushPull
Shielding	Unshielded
Number of contacts	5
Details	When installing a PROFINET system, observe the PROFINET installation guideline.
Pack contents	incl. metal housing and female insert

Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm ²
Conductor cross-section	AWG 18 ... AWG 13
Rated current	16 A
Rated voltage	24 V
Rated impulse voltage	1.5 kV



Pushing Performance

Technical characteristics

Pollution degree	3
Limiting temperature	-40 ... +70 °C
Stripping length	10 mm Conductors 44 mm cable jacket
Tightening torque	3 Nm
Mating cycles	≥100
Degree of protection acc. to IEC 60529	IP65 IP67
Clamping range	9 ... 13 mm
Vibration resistance	10-150 Hz, 5 g, 0.35 mm, 10 sweep cycles acc. to IEC 61373 Category 1 Class B
Shock resistance	30 g / 11 ms, 3 shocks / axis and direction

Material properties

Material (insert)	Polyamide (PA)
Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Ni Mating side
Material (hood/housing)	Zinc die-cast
Surface (hood/housing)	Nickel plated
Colour (hood/housing)	Silver
Material (O-ring)	NBR
Material (internal seal)	NBR
Material (cable seal)	NBR
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 PAS 61076-3-126
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Pushing Performance

Specifications and approvals

Approvals	DNV GL
UL / CSA	UL 1059 XCFR2.E314677 CSA-C22.2 No. 158-10 XCFR8.E314677
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	0.01 g
Country of origin	China
European customs tariff number	85366990
eCl@ss	27440101 Rectangular connectors (set)

Current carrying capacity

The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.
Measuring and testing techniques acc. to IEC 60512-5-2

