Pushing Performance

Han PP Power 4/0 F Plastic Crimp PG13

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

Part number	09 35 231 0423
Specification	Han PP Power 4/0 F Plastic Crimp PG13
HARTING eCatalogue	https://b2b.harting.com/09352310423

Identification

Category	Connectors
Series	Han® PushPull (V14)
Identification	Power
Element	Connector sets
Features	Intuitive locking mechanism

Version

Termination method	Crimp termination
Locking type	PushPull
Shielding	Unshielded
Number of contacts	5
Pack contents	incl. plastic housing and female insert Without contacts

Technical characteristics

Conductor cross-section	0.25 ... 2.5 mm²
Conductor cross-section	AWG 22 ... AWG 12
Rated current	16 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Limiting temperature	-40 ... +70 °C
Mating cycles	≥500

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Technical characteristics

Degree of protection acc. to IEC 60529	IP65 IP67
Clamping range	9 ... 13 mm
Vibration resistance	5-150 Hz, 5 g, 0.35 mm, 2h/axis
Shock resistance	5 g / 30 ms, 3 shocks / axis and direction

Material properties

Material (insert)	Thermoplastic
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

Specifications	IEC 61076-3-118
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076

Commercial data

Packaging size	1
Net weight	19.78 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440101 Rectangular connectors (set)

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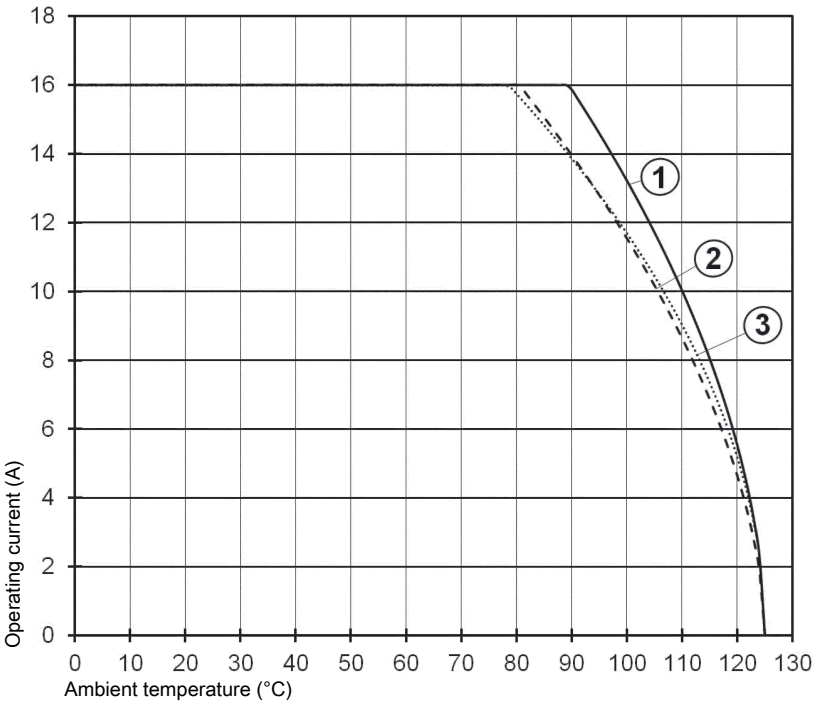
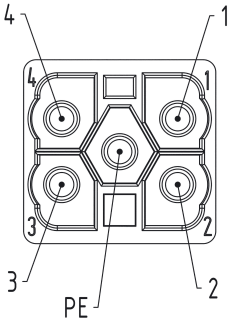
Current carrying capacity

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



① Crimp termination
② Han-Quick Lock® termination
③ Solder termination
Conductor cross-section 2.5 mm²

Mating face



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