Pushing Performance

Han PushPull Power 4/0 F QL 1.5mm

Part number	09 35 234 0421
Specification	Han PushPull Power 4/0 F QL 1.5mm
HARTING eCatalogue	https://b2b.harting.com/09352340421
Features	Intuitive locking mechanism

Identification

Category	Connector
Series	Han® PushPull
Identification	Power
Element	Connector set

Version

Termination method	Han-Quick Lock® termination
Locking type	PushPull
Number of contacts	5
Pack contents	incl. plastic housing and female insert

Technical characteristics

Conductor cross-section	0.25 ... 1.5 mm²
Conductor cross-section	AWG 24 ... AWG 16
Rated current	16 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Limiting temperature	-40 ... +70 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 IP67
Clamping range	6.5 ... 9.5 mm

Material properties

Material (insert)	Thermoplastic
Material (contacts)	Copper alloy
Material (hood/housing)	Thermoplastic

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Material properties

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	6c: 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)
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076

Commercial data

Packaging size	1
Net weight	25.16 g
Country of origin	Germany
European customs tariff number	85389099

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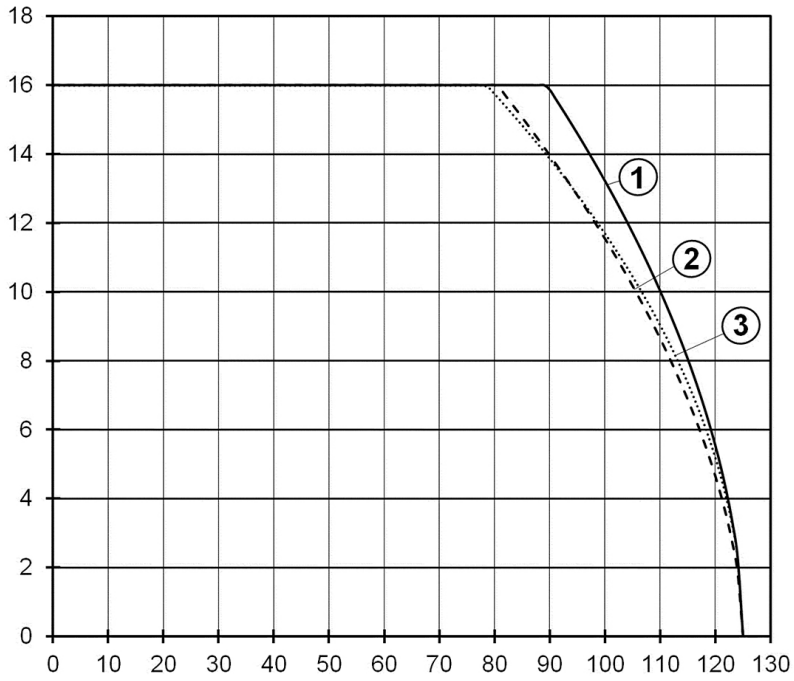
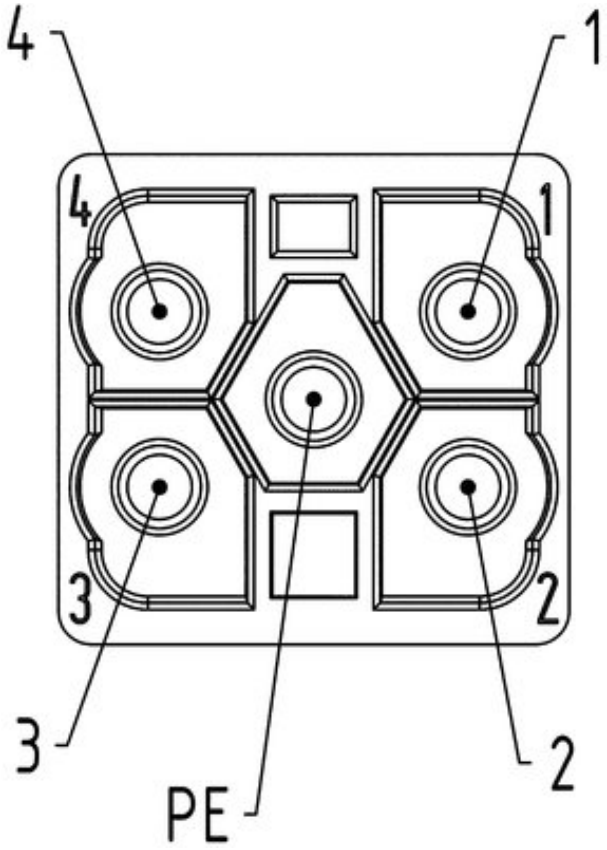
Current carrying capacity

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





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