THE DATASHEET OF

6104201108501

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Pushing Performance

Han PushPull Power L Aida Kupplung

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

Part number	61 04 201 1085 01
Specification	Han PushPull Power L Aida Kupplung
HARTING eCatalogue	https://b2b.harting.com/6104201108501

Identification

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

Version

Termination method	Spring clamp termination
Locking type	PushPull
Number of contacts	5
Pack contents	Hoods/Housings Panel feed through Cable gland Head cap screw M3x8 enclosed in loose form

Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm²
Conductor cross-section	AWG 18 ... AWG 13
Rated current	16 A
Rated voltage	24 V
Rated impulse voltage	4 kV
Pollution degree	3

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Technical characteristics

Stripping length	10 mm Conductors 44 mm cable jacket
Tightening torque	3 Nm
Limiting temperature	-40 ... +70 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 IP67

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)	Metal
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
Approvals	DNV GL
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	164.4 g
Country of origin	Germany
European customs tariff number	85366990

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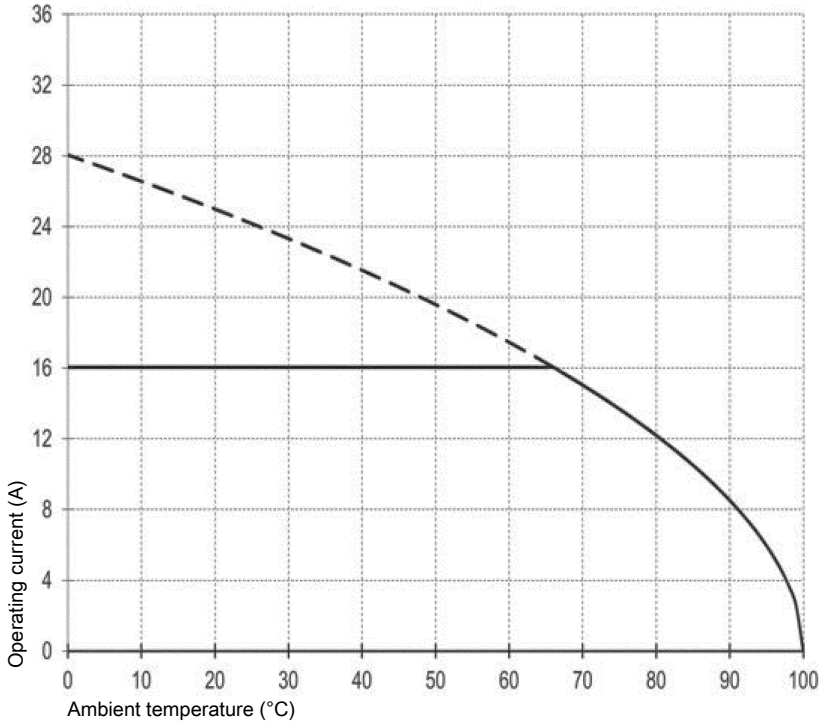
eCl@ss	27440101 Rectangular connectors (set)

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



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