

Han PushPull Power L Genderchanger



Part number	09 35 431 0501
Specification	Han PushPull Power L Genderchanger
HARTING eCatalogue	https://b2b.harting.com/09354310501
Features	Intuitive locking mechanism

Identification

Category	Connector
Series	Han® PushPull
Identification	Power L
Element	Gender changer
Specification	AIDA compliant

Version

Locking type	PushPull
Number of contacts	5
Fixing	Wall mountable with 4 screws type M5
Pack contents	incl. housing and PCB with 2x male insert

Technical characteristics

Conductor cross-section	AWG 18 ... AWG 13
Rated current	16 A
Rated voltage	24 V
Limiting temperature	-20 ... +50 °C
Stripping length	10 mm conductors 44 mm cable jacket
Tightening torque	3 Nm
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65 when mated IP67 when mated

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Sn over Ni Termination side Au over Ni Mating side
Material (hood/housing)	Aluminium



Pushing Performance

Material properties

Surface (hood/housing)	Anodised
Material (seal)	NBR
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	IEC 61076-3-117 Variant 14 (V14) IEC PAS 61076-3-126
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 UL 1059 XCFR2.E314677 CSA-C22.2 No. 158-10 XCFR8.E314677
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	229.5 g
Country of origin	Germany
European customs tariff number	85366990



Pushing Performance

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

