

# Han PP Power L male insert PCB straight



•	
Part number	09 35 004 3004
Specification	Han PP Power L male insert PCB straight
HARTING eCatalogue	https://b2b.harting.com/09350043004

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

### Identification

Category	Connectors
Series	Han <sup>®</sup> PushPull (V14)
Identification	Power L
Element	Male
Specification	AIDA compliant Straight
Features	Intuitive locking mechanism
Version	
Termination method	Solder termination
Shielding	Unshielded
Number of contacts	5
Locking type	PushPull
Technical characteristics	
Conductor cross-section	0.75 2.5 mm²
Conductor cross-section	AWG 18 AWG 13
Rated current	
	16 A
Rated voltage	16 A 24 V
Rated voltage Rated impulse voltage	
	24 V
Rated impulse voltage	24 V 4 kV

Page 1 / 3 | Creation date 2021-08-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



#### **Technical characteristics**

Limiting temperature	-40 +70 °C
Mating cycles	≥500
Degree of protection acc. to IEC 60529	IP65
	IP67

# Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
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)
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079 UL 1059 XCFR2.E314677 CSA-C22.2 No. 158-10 XCFR8.E314677
PROFINET	Yes

# Commercial data

Packaging size	1
Net weight	2.34 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27460201 PCB connector (board connector)

Page 2 / 3 | Creation date 2021-08-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

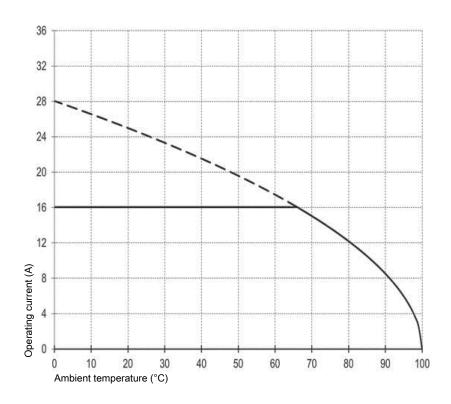
Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



#### 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 (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



Page 3 / 3 | Creation date 2021-08-28 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com