

Han® Board PCB 3+PE lever 7, 62 Crimp



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

Part number	09 93 003 0301
Specification	Han® Board PCB 3+PE lever 7, 62 Crimp
HARTING eCatalogue	https://b2b.harting.com/09930030301

Identification

Category	Inserts
Series	Han® Board
Element	Inserts

Version

Termination method	Crimp termination
Gender	Female
Number of contacts	3
PE contact	Yes
Locking type	Snap-in latches
Details	Please order crimp contacts separately. Please order coding pins separately.
Details	This contact insert is an unenclosed connector according to IEC 61984. In this case protection against electric shock must be provided by the installation methods of the user. Contact inserts must not be coupled or decoupled under electrical load. Contact inserts must not be powered-up in the un-mated condition.

Technical characteristics

Conductor cross-section	1.5 ... 4 mm ²
Rated current	32 A
Rated current	The current-carrying capacity depends significantly on the printed circuit board used, the conductor cross-section used and the specific installation situation.
Rated voltage conductor-earth	480 V
Rated voltage conductor-conductor	830 V



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Technical characteristics

Rated impulse voltage	6 kV
Pollution degree	2
Limiting temperature	-25 ... +125 °C -5 ... +65 °C While mating or unmating
Mating cycles	≥75
Degree of protection acc. to IEC 60529	IP20
PCB thickness	2.2 mm ±10 %

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
ECHA SCIP number	60b1a572-bb3f-476f-9307-b7d1688bd90c
California Proposition 65 substances	Not contained

Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
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Commercial data

Packaging size	28
Net weight	10 g
Country of origin	Germany
European customs tariff number	85340090
GTIN	5713140186705
eCl@ss	27440205 Contact insert for industrial connectors

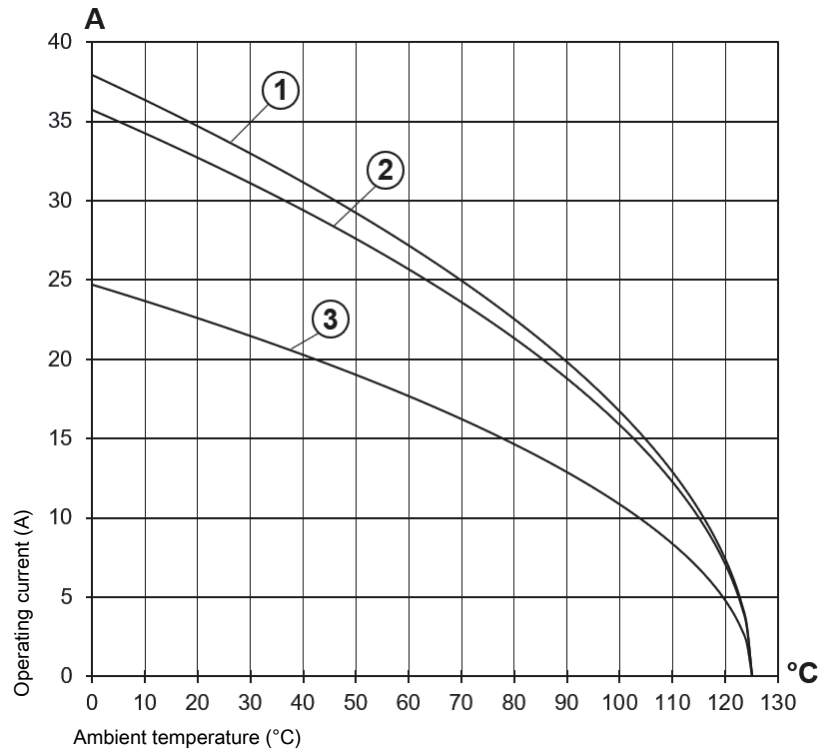


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Current carrying capacity

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 4 mm²
- ② 2.5 mm²
- ③ 1.5 mm²