Pushing Performance
Since 1945

Han Q5/0-M-QL 2,5mm²



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

Part number	09 12 005 2633
Specification	Han Q5/0-M-QL 2,5mm²
HARTING eCatalogue	https://harting.com/09120052633

Identification

Category	Inserts
Series	Han® Q
Identification	5/0

Version

Termination method	Han-Quick Lock® termination
Gender	Male
Size	3 A
Number of contacts	5
PE contact	Yes
Details	Blue slide
Details	for stranded wire according to IEC 60228 Class 5

Technical characteristics

Conductor cross-section (mm²)	0.5 ... 2.5 mm²
Rated current	16 A
Rated voltage conductor-earth	230 V
Rated voltage conductor-conductor	400 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	$>10^{10}$ Ω

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Technical characteristics

Contact resistance	≤1 mΩ
Stripping length	10 mm
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

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Commercial data

Packaging size	10
Net weight	0.475 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140017214
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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