Pushing Performance
Since 1945

Han 70A axial module, male 6-16mm²



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

Part number	09 14 002 2641
Specification	Han 70A axial module, male 6-16mm²
HARTING eCatalogue	https://harting.com/09140022641

Identification

Category	Modules
Series	Han-Modular®
Type of module	Han® 70 A module
Size of the module	Single module
Features	Finger safe contacts

Version

Termination method	Axial screw termination
Gender	Male
Number of contacts	2
Details	Finger safe

Technical characteristics

Conductor cross-section (mm²)	6 ... 16 mm²
Wire outer diameter	≤10 mm
Rated current	70 A
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤0.5 mΩ
Stripping length	11 ... 12 mm

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Technical characteristics

Tightening torque	2 Nm @ 6 mm² 3 Nm @ 10 mm² 4 Nm @ 14 mm² 4 Nm @ 16 mm²
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	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
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 IEC 61373 Category 2
UL / CSA	UL 1977 ECBT2.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390

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Specifications and approvals

Approvals	DNV GL

Commercial data

Packaging size	2
Net weight	1.62 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140019638
eCl@ss	27440217 Module for industrial connectors (power/signals)
ETIM	EC000438
UNSPSC 24.0	39121552

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