

Han 40A axial module, female 2,5-8 mm²



Part number	09 14 002 2701
Specification	Han 40A axial module, female 2,5-8 mm ²
HARTING eCatalogue	https://b2b.harting.com/09140022701
Identification	
Category	Modules
Series	Han-Modular [®]
Type of module	Han [®] 40 A module

Version

Termination method	Axial screw termination
Gender	Female
Number of contacts	2

Technical characteristics

Conductor cross-section	2.5 8 mm ²
Electrical data acc. to IEC 61984	40 A 1,000 V 8 kV 3
Rated current	40 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	≤0.3 mΩ
Limiting temperature	-40 +125 °C
Stripping length	5 mm @ 2.5 mm² 5 mm @ 4 mm² 8 mm @ 6 mm²
Tightening torque	1.5 Nm @ 2.5 mm² 1.5 Nm @ 4 mm² 2 Nm @ 6 mm²
Mating cycles	≥500
Material properties	
Material (insert)	Polycarbonate

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Material properties

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	6c: Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390

Commercial data

Packaging size	2
Net weight	23.08 g
Country of origin	Germany
European customs tariff number	85366990