

# Han 100A axial module, female 16-35 mm<sup>2</sup>



Part number	09 14 002 2751
Specification	Han 100A axial module, female 16-35 mm²
HARTING eCatalogue	https://harting.com/09140022751

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

#### Identification

Category	Modules	
Series	Han-Modular <sup>®</sup>	
Type of module	Han <sup>®</sup> 100 A module	
Size of the module	Double module	
Version		
Termination method	Axial screw termination	
Termination method Gender	Axial screw termination Female	

## **Technical characteristics**

Conductor cross-section	16 35 mm²
Wire outer diameter	≤11.4 mm
Rated current	100 A
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ
Stripping length	12 14 mm
Tightening torque	6 8 Nm
Limiting temperature	-40 +125 °C

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## Technical characteristics

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)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)
Specifications and approvals	
Creating	IEC 60664-1
Specifications	

Specifications	
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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
Approvals	DNV GL
Commercial data	
Packaging size	1
Net weight	60 g

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## Commercial data

Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140019799
ETIM	EC000438
eCl@ss	27440217 Module for industrial connectors (power/signals)

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