



Pushing Performance
Since 1945

Han Guiding Relay module, male



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

Part number	09 14 003 3051
Specification	Han Guiding Relay module, male
HARTING eCatalogue	https://harting.com/09140033051

Identification

Category	Modules
Series	Han-Modular®
Type of module	Han® Guiding module
Size of the module	Single module
Description of the module	Relay module
Features	2 contacts with relay function (last mate - first break) Enables other power contacts to be switched off via a relay and thus offers greater safety in the event of a fault (when used as intended, the connector must not be plugged in or disconnected under voltage / load)

Version

Termination method	Crimp termination
Gender	Male
Number of contacts	3
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section (mm²)	0.14 ... 4 mm²
Wire outer diameter	≤4.8 mm
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	>10 ¹⁰ Ω



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Technical characteristics

Limiting temperature	-40 ... +125 °C
Mating cycles	≥10,000
Note on the mating cycles	Mating cycles with other HMC components
Lock-in range	±4 mm

Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
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	Not contained
California Proposition 65 substances	Not contained
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
	CSA-C22.2 No. 182.3 ECBT8.E235076

Commercial data

Packaging size	2
Net weight	0.1 kg
Country of origin	China
European customs tariff number	85389099
GTIN	5713140184695
eCl@ss	27440217 Module for industrial connectors (power/signals)
ETIM	EC000438



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UNSPSC 24.0

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