

Han HV module, 16A 5000V female



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

Part number	09 14 002 3121
Specification	Han HV module, 16A 5000V female
HARTING eCatalogue	https://harting.com/09140023121

Identification

Category	Modules
Series	Han-Modular®
Type of module	Han® HV module
Size of the module	Double module
Description of the module	for Han E® crimp contacts

Version

Termination method	Crimp termination
Gender	Female
Number of contacts	2
Details	Please order crimp contacts separately.
Pack contents	1 module 2 locking sleeves 2 heat shrink tubes

Technical characteristics

Conductor cross-section	0.5 ... 4 mm ²
Wire outer diameter	≤8 mm
Rated current	16 A
Rated voltage conductor-earth	2,900 V
Rated voltage conductor-conductor	5,000 V
Rated impulse voltage	15 kV
Pollution degree	3



Pushing Performance
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Technical characteristics

Rated current acc. to UL	16 A
Rated voltage acc. to UL	5,000 V
Insulation resistance	$>10^{10} \Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	≥ 500

Material properties

Material (insert)	Polycarbonate / Teflon (PTFE)
Colour (insert)	RAL 7032 (pebble grey)
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 EN 50124-1 IEC 60352-4
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	1
Net weight	63 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140019928
eCl@ss	27440217 Module for industrial connectors (power/signals)
ETIM	EC000438
UNSPSC 24.0	39121552