Pushing Performance

Han 70A Hybrid module, male 6-16mm²

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

Part number	09 14 005 2646
Specification	Han 70A Hybrid module, male 6-16mm²
HARTING eCatalogue	https://b2b.harting.com/09140052646

Identification

Category	Modules
Series	Han-Modular®
Type of module	Han® 70 A Hybrid module

Version

Termination method	Axial screw termination / crimp termination
Gender	Male
Number of contacts	1
further contacts	+ 4 additional signal contacts
Details	Please order signal contacts separately.

Technical characteristics

Conductor cross-section	6 ... 16 mm²
Rated current	70 A
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current (signal)	16 A
Rated voltage (signal)	400 V
Rated impulse voltage (signal)	6 kV
Pollution degree (signal)	3
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤0.5 mΩ

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Technical characteristics

Stripping length	11 ... 12 mm
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 flammability class acc. to UL 94	V-0
RoHS	compliant with exemption
RoHS exemptions	6(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight 6(c): 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
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076

Commercial data

Packaging size	2
Net weight	22.6 g
Country of origin	Germany
European customs tariff number	85366990

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eCl@ss	27440217 Module for industrial connectors (power/signals)

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