Pushing Performance
Since 1945

Han 70A Hybrid module, female 14-22mm²



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

Part number	09 14 005 2742
Specification	Han 70A Hybrid module, female 14-22mm²
HARTING eCatalogue	https://harting.com/09140052742

Identification

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

Version

Termination method	Axial screw termination / crimp termination
Gender	Female
Number of contacts	5
Number of signal contacts	4
Number of power contacts	1
Details	Please order signal contacts separately.

Technical characteristics

Conductor cross-section (mm²)	14 ... 22 mm²
Wire outer diameter	≤10 mm Power ≤4.8 mm Signal
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

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Technical characteristics

Rated impulse voltage (signal)	6 kV
Pollution degree (signal)	3
Insulation resistance	$>10^{10}$ Ω
Contact resistance	≤0.5 mΩ
Stripping length	12.5 ... 13.5 mm
Tightening torque	4 Nm @ 14 mm² 4 Nm @ 16 mm² 4 Nm @ 22 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(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 IEC 61373 Category 1 Class B
UL / CSA	UL 1977 ECBT2.E235076

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

Specifications and approvals

Approvals	DNV GL

Commercial data

Packaging size	2
Net weight	21 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140020320
eCl@ss	27440217 Module for industrial connectors (power/signals)
ETIM	EC000438
UNSPSC 24.0	39121552

HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com