Pushing Performance
Since 1945

Han 16A-STI-S

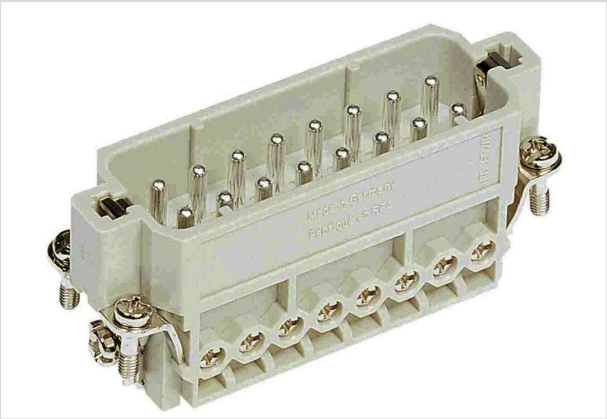

Image is for illustration purposes only. Please refer to product description.

Part number	09 20 016 2612
Specification	Han 16A-STI-S
HARTING eCatalogue	https://harting.com/09200162612

Identification

Category	Inserts
Series	Han A®

Version

Termination method	Screw termination
Gender	Male
Size	16 A
Number of contacts	16
PE contact	Yes

Technical characteristics

Conductor cross-section (mm²)	0.75 ... 2.5 mm²
Rated current	16 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	$>10^{10}$ Ω
Tightening torque	0.5 Nm Contact screw M3 0.5 Nm Fixing screws M3 0.8 Nm PE screw M3.5
Recommended screw driver	Slotted 0.6 x 3.5 PH1
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	564b7d75-7bf6-4cfb-acb1-2168eb61b675
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
UL / CSA	UL 1977 ECBT2.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
Country of origin	Romania

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Commercial data

European customs tariff number	85366990
GTIN	5713140572683
eCl@ss	27440205 Contact insert for industrial connectors
UNSPSC 24.0	39121522

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