

Han 10A-F-S, w. Wire Protection



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

Part number	09 20 010 2814
Specification	Han 10A-F-S, w. Wire Protection
HARTING eCatalogue	https://harting.com/09200102814

Identification

Category	Inserts
Series	Han A [®]

Version

Termination method	Screw termination
Gender	Female
Size	10 A
With wire protection	Yes
Number of contacts	10
PE contact	Yes

Technical characteristics

Conductor cross-section (mm ²)	0.75 ... 2.5 mm ²
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



Pushing Performance
Since 1945

Technical characteristics

Limiting temperature -40 ... +125 °C

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

Approvals DNV GL

Commercial data

Packaging size 1

Net weight 30 g

Country of origin Romania



Pushing Performance
Since 1945

Commercial data

European customs tariff number	85366990
GTIN	5713140039445
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522