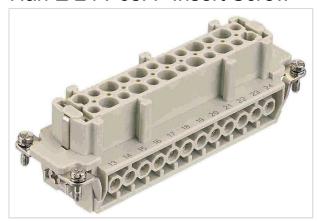


Han E 24 Pos. F Insert Screw



Part number	09 33 024 2701
Specification	Han E 24 Pos. F Insert Screw
HARTING eCatalogue	https://b2b.harting.com/09330242701

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

Identification

Category	Inserts
Series	Han E [®]

Version

Termination method	Screw termination
Gender	Female
Size	24 B
With wire protection	Yes
Number of contacts	24
PE contact	Yes

Technical characteristics

Conductor cross-section	0.75 2.5 mm²
Conductor cross-section	AWG 18 AWG 14
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤1 mΩ
Stripping length	7.5 mm

Page 1 / 3 | Creation date 2023-08-24 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

Tightening torque	0.5 Nm
Limiting temperature	-40 +125 °C
Mating cycles	≥500

Material properties

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 5dbb3851-b94e-4e88-97a1-571845975242 California Proposition 65 substances Yes California Proposition 65 substances End Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3) R23 (HL 1-3)	Material (insert)	Polycarbonate (PC)
Surface (contacts) 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 EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94 V-0 RoHS compliant with exemption 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 EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	Material (contacts)	Copper alloy
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 Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	Surface (contacts)	Silver plated
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) Requirement set with Hazard Levels R22 (HL 1-3)	Material flammability class acc. to UL 94	V-0
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 EN 45545-2 (2020-08) Requirement set with Hazard Levels REACH SVHC substances Yes REACH SVHC substances Lead ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242 California Proposition 65 substances Yes REACH SVHC substances EN 45545-2 (2020-08)	RoHS	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 End Nickel Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
REACH Annex XVII substances 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) Requirement set with Hazard Levels R22 (HL 1-3)	ELV status	compliant with exemption
REACH ANNEX XIV substances REACH SVHC substances 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) Requirement set with Hazard Levels R22 (HL 1-3)	China RoHS	50
REACH SVHC substances 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) Requirement set with Hazard Levels R22 (HL 1-3)	REACH Annex XVII substances	Not contained
REACH SVHC substances ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242 California Proposition 65 substances California Proposition 65 substances Lead Nickel Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels	REACH ANNEX XIV substances	Not contained
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) Requirement set with Hazard Levels	REACH SVHC substances	Yes
California Proposition 65 substances California Proposition 65 substances Lead Nickel Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	REACH SVHC substances	Lead
California Proposition 65 substances Lead Nickel Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances Nickel Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3)	California Proposition 65 substances	Yes
Requirement set with Hazard Levels R22 (HL 1-3)	California Proposition 65 substances	
Requirement set with Hazard Levels	Fire protection on railway vehicles	EN 45545-2 (2020-08)
	Requirement set with Hazard Levels	

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	
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Product data sheet 09 33 024 2701 Han E 24 Pos. F Insert Screw



Commercial data

Net weight	120 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140051973
eCl@ss	27440205 Contact insert for industrial connectors