

# Han 16ES Press - F (17-32)



Part number	09 33 016 2788
Specification	Han 16ES Press - F (17-32)
HARTING eCatalogue	https://b2b.harting.com/09330162788

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

### Identification

Category	Inserts
Series	Han <sup>®</sup> ES Press
Specification	Continuing marking

### Version

Termination method	Cage-clamp termination
Gender	Female
Size	32 B
Number of contacts	32
PE contact	Yes
Contact identification	17 32
Details	Blue slide for hoods/housings high construction only You need two inserts for a complete assembly!

#### Technical characteristics

Conductor cross-section	0.14 2.5 mm²
Conductor cross-section	AWG 26 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

Page 1 / 3 | Creation date 2023-01-11 | 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

Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤3 mΩ
Stripping length	9 11 mm
Limiting temperature	-40 +125 °C
Mating cycles	≥500

## Material properties

Colour (insert)       RAL 7032 (pebble grey)         Material (contacts)       Copper alloy         Surface (contacts)       Silver plated         Colour (accessories)       Blue         Material flammability class acc. to UL 94       V-0         ROHS       compliant         ELV status       compliant         China ROHS       e         REACH Annex XVII substances       Not contained         REACH ANNEX XIV substances       Not contained         REACH SVHC substances       Yes         REACH SVHC substances       Potassium 1,1,2,2,3,3,4,4,-nonafluorobutane-1-sulphonate         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) R23 (HL 1-3)         R23 (HL 1-3)       R23 (HL 1-3)	Material (insert)	Polycarbonate (PC)
Surface (contacts)  Silver plated  Colour (accessories)  Blue  Material flammability class acc. to UL 94  RoHS  compliant  ELV status  compliant  China RoHS  REACH Annex XVII substances  Not contained  REACH ANNEX XIV substances  Not contained  REACH SVHC substances  Yes  REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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)
Colour (accessories)  Blue  Material flammability class acc. to UL 94  V-0  RoHS  compliant  ELV status  compliant  China RoHS  e  REACH Annex XVII substances  Not contained  REACH ANNEX XIV substances  Not contained  REACH SVHC substances  Yes  REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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
Material flammability class acc. to UL 94  RoHS  compliant  ELV status  compliant  China RoHS  e  REACH Annex XVII substances  Not contained  REACH ANNEX XIV substances  Not contained  REACH SVHC substances  Yes  REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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)	Surface (contacts)	Silver plated
RoHS compliant  ELV status compliant  China RoHS e  REACH Annex XVII substances Not contained  REACH ANNEX XIV substances Not contained  REACH SVHC substances Yes  REACH SVHC substances Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242  California Proposition 65 substances Yes  California Proposition 65 substances EN 45545-2 (2020-08)  Fire protection on railway vehicles EN 45545-2 (2020-08)  Requirement set with Hazard Levels R22 (HL 1-3)	Colour (accessories)	Blue
ELV status compliant  China RoHS e  REACH Annex XVII substances Not contained  REACH ANNEX XIV substances Not contained  REACH SVHC substances Yes  REACH SVHC substances Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242  California Proposition 65 substances Yes  California Proposition 65 substances EN 45545-2 (2020-08)  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
China RoHS e  REACH Annex XVII substances Not contained  REACH ANNEX XIV substances Not contained  REACH SVHC substances Yes  REACH SVHC substances Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242  California Proposition 65 substances Yes  California Proposition 65 substances En 45545-2 (2020-08)  Fire protection on railway vehicles EN 45545-2 (2020-08)  Requirement set with Hazard Levels R22 (HL 1-3)	RoHS	compliant
REACH Annex XVII substances  REACH ANNEX XIV substances  Not contained  REACH SVHC substances  Yes  REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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
REACH ANNEX XIV substances  REACH SVHC substances  Yes  REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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)  R22 (HL 1-3)	China RoHS	е
REACH SVHC substances  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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  Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate  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  R22 (HL 1-3)	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)  R22 (HL 1-3)	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	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
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
Approvals	DNV GL

Product data sheet 09 33 016 2788 Han 16ES Press - F (17-32)



## Specifications and approvals

	UL 1977 ECBT2.E235076
UL / CSA	UL 2237 PVVA2.E318390
	CSA-C22.2 No. 182.3 PVVA8.E318390

### Commercial data

Packaging size	1
Net weight	128.5 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140186361
eCl@ss	27440205 Contact insert for industrial connectors