

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

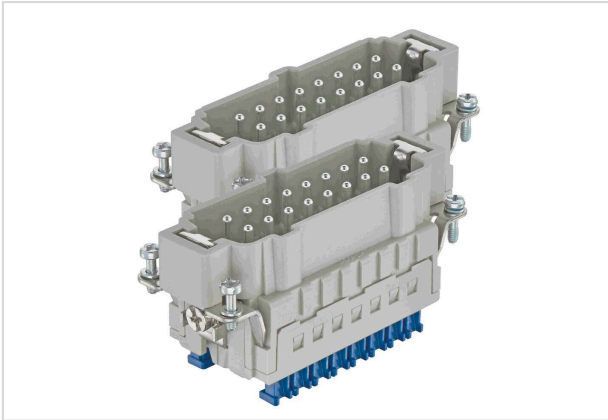


Image is for illustration purposes only. Please refer to product description.

Part number	09 33 016 2688
Specification	Han 16ES Press-M (17-32)
HARTING eCatalogue	<a href="https://harting.com/09330162688">https://harting.com/09330162688</a>

### Identification

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

### Version

Termination method	Cage-clamp termination
Gender	Male
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 mm <sup>2</sup>
Conductor cross-section [AWG]	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



**Pushing Performance**  
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## Technical characteristics

Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 3 \text{ m}\Omega$
Stripping length	9 ... 11 mm
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$

## Material properties

Material (insert)	Polycarbonate (PC)
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 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	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate 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) 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



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Specifications and approvals

Approvals	DNV GL
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Commercial data

Packaging size	1
Net weight	110 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140186354
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors