

## Han ES 24 POS. F INSERT CAGECLAMP

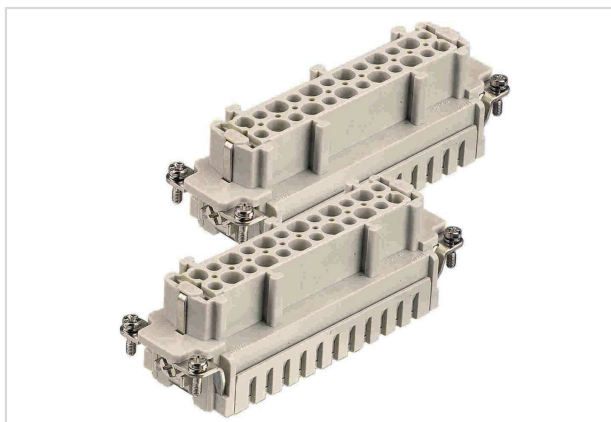


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Part number	09 33 024 2726
Specification	Han ES 24 POS. F INSERT CAGECLAMP
HARTING eCatalogue	<a href="https://b2b.harting.com/09330242726">https://b2b.harting.com/09330242726</a>

### Identification

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

### Version

Termination method	Cage-clamp termination
Gender	Female
Size	48 B
Number of contacts	48
PE contact	Yes
Contact identification	25 ... 48
Details	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 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
Insulation resistance	>10 <sup>10</sup> Ω



**Pushing Performance**  
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## Technical characteristics

Contact resistance	≤3 mΩ
Stripping length	7 ... 9 mm
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	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
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
Approvals	DNV GL



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Commercial data

Packaging size	1
Net weight	95 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140052055
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors

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