

## Han K 8/0 Pos. M Insert 100 Amp. 10-25mm



Part number	09 38 008 2653
Specification	Han K 8/0 Pos. M Insert 100 Amp. 10-25mm
HARTING eCatalogue	<a href="https://b2b.harting.com/09380082653">https://b2b.harting.com/09380082653</a>

### Identification

Category	Inserts
Series	Han-Com®
Identification	Han® K 8/0

### Version

Termination method	Axial screw termination
Gender	Male
Size	24 B
Number of contacts	8
PE contact	Yes

### Technical characteristics

Conductor cross-section	10 ... 25 mm <sup>2</sup>
Wire outer diameter	≤11.4 mm
Rated current	100 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current acc. to UL	82 A
Rated voltage acc. to UL	600 V
Rated current acc. to CSA	100 A
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 <sup>10</sup> Ω
Contact resistance	≤0.5 mΩ
Limiting temperature	-40 ... +125 °C
Stripping length	13 ... 14 mm
Tightening torque	6 Nm @ 10 mm <sup>2</sup>
	6 Nm @ 16 mm <sup>2</sup>
	7 Nm @ 25 mm <sup>2</sup>



Pushing Performance

## Technical characteristics

Mating cycles  $\geq 500$

## Material properties

Material (insert)	Polycarbonate
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	6c: Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead

## Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076

## Commercial data

Packaging size	1
Net weight	304.75 g
Country of origin	Germany
European customs tariff number	85366990