

Technical characteristics

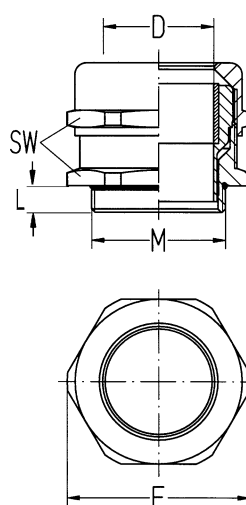
Degree of protection IP68/IP69K
 Limiting temperatures -40 °C ... +100 °C
 Material brass, nickel-plated
 Material seal NBR

Approvals



Identification	Part number	Thread	Sealing range(D) min./max. [mm]	SW* [mm]	L [mm]	E [mm]	Tightening torque [Nm]
Han® CGM-M Metal with pre-assembled o-ring at the connection thread	19 00 000 5080	M20 x 1.5	5 ... 9	22	6	24.4	10
	19 00 000 5081	M20 x 1.5	5 ... 9 / 6 ... 12	22	6	24.4	10
	19 00 000 5082	M20 x 1.5	6 ... 12	22	6	24.4	10
	19 00 000 5084	M20 x 1.5	10 ... 14	24	6	26.5	10
	19 00 000 5090	M25 x 1.5	9 ... 16	30	7	33.5	12
	19 00 000 5091	M25 x 1.5	9 ... 16 / 13 ... 18	30	7	33.5	12
	19 00 000 5092	M25 x 1.5	13 ... 18	30	7	33.5	12
	19 00 000 5094	M32 x 1.5	13 ... 20	40	8	44	15
	19 00 000 5095	M32 x 1.5	13 ... 20 / 18 ... 25	40	8	44	15
	19 00 000 5096	M32 x 1.5	18 ... 25	40	8	44	15
	19 00 000 5097	M40 x 1.5	20 ... 26	50	8	55	15
	19 00 000 5098	M40 x 1.5	22 ... 32	50	8	55	15
	19 00 000 5099	M40 x 1.5	20 ... 26 / 22 ... 32	50	8	55	15
	19 00 000 5086	M50 x 1.5	32 ... 38	57	9	60	24

* SW=Wrench size



Han E 06 Pos. M Insert Screw

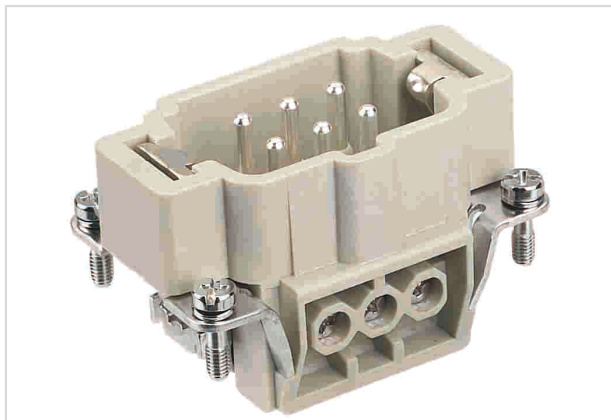


Image is for illustration purposes only. Please refer to product description.

Part number	09 33 006 2601
Specification	Han E 06 Pos. M Insert Screw
HARTING eCatalogue	https://b2b.harting.com/09330062601

Identification

Category	Inserts
Series	Han E [®]

Version

Termination method	Screw termination
Gender	Male
Size	6 B
With wire protection	Yes
Number of contacts	6
PE contact	Yes

Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm ²
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



Pushing Performance

Technical characteristics

Tightening torque	0.5 Nm
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390

Commercial data

Packaging size	1
Net weight	50 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

Han E 06 Pos. F Insert Screw

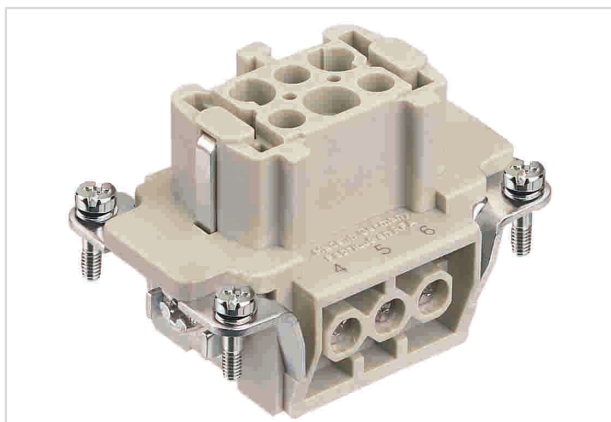


Image is for illustration purposes only. Please refer to product description.

Part number	09 33 006 2701
Specification	Han E 06 Pos. F Insert Screw
HARTING eCatalogue	https://b2b.harting.com/09330062701

Identification

Category	Inserts
Series	Han E [®]

Version

Termination method	Screw termination
Gender	Female
Size	6 B
With wire protection	Yes
Number of contacts	6
PE contact	Yes

Technical characteristics

Conductor cross-section	0.75 ... 2.5 mm ²
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



Pushing Performance

Technical characteristics

Tightening torque	0.5 Nm
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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390

Commercial data

Packaging size	1
Net weight	49 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors

Han B Base Surface LC 1 Lever 2 x M20



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

Part number	19 30 006 1290
Specification	Han B Base Surface LC 1 Lever 2 x M20
HARTING eCatalogue	https://b2b.harting.com/19300061290

Identification

Category	Hoods/Housings
Series of hoods/housings	Han [®] B
Type of hood/housing	Surface mounted housing
Type	Low construction

Version

Locking type	Single locking lever
Han-Easy Lock [®]	Yes
Size	6 B
Version	Side entry
Cable entry	2x M20
Field of application	Standard hoods/housings for industrial connectors

Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP65
Type rating acc. to UL 50 / UL 50E	4 4X 12

Material properties

Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated
Colour (hood/housing)	RAL 7037 (dust grey)



Pushing Performance

Material properties

Material (seal)	NBR
Material (locking)	Polycarbonate (PC) Stainless steel
Colour (locking)	RAL 7037 (dust grey)
Material flammability class acc. to UL 94 (locking levers)	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate

Specifications and approvals

Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
CE	Yes

Commercial data

Packaging size	1
Net weight	178 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440202 Shell for industrial connectors

Han B Hood Side Entry LC 2pegs M20



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

Part number	19 30 006 1540
Specification	Han B Hood Side Entry LC 2pegs M20
HARTING eCatalogue	https://b2b.harting.com/19300061540

Identification

Category	Hoods/Housings
Series of hoods/housings	Han® B
Type of hood/housing	Hood
Type	Low construction

Version

Locking type	Single locking lever
Size	6 B
Version	Side entry
Cable entry	1x M20
Field of application	Standard hoods/housings for industrial connectors

Technical characteristics

Limiting temperature	-40 ... +125 °C
Degree of protection acc. to IEC 60529	IP65
	IP66
	IP67
Type rating acc. to UL 50 / UL 50E	4
	4X
	12

Material properties

Material (hood/housing)	Aluminium die-cast
Surface (hood/housing)	Powder-coated



Pushing Performance

Material properties

Colour (hood/housing)	RAL 7037 (dust grey)
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
CE	Yes

Commercial data

Packaging size	1
Net weight	101 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440202 Shell for industrial connectors