Hoods/Housings with PG entries

	Page
Technical characteristics	**30.02**
Han-Easy Lock® – Locking levers for Han® Hoods and Housings	**30.03**
Standard Hoods/Housings size Han A	**30.10**
Standard Hoods/Housings size Han B	**30.16**
– with 2 levers on the housing	**30.18**
– with 1 lever on the housing	**30.20**
– with 2 levers on the hood	**30.22**
– with central locking lever	**30.23**
– for 2 inserts	**30.24**
Han® M Hoods/Housings for harsh environmental requirements	**30.26**
Han® HPR Hoods/Housings pressure tight and EMI resistant	**30.29**
Han® EMC Hoods/Housings	**30.32**
Han® EMC/B Hoods/Housings	**30.35**
Han-Drive® Housings for motor applications	**30.36**
Hoods/Housings for special applications	**30.37**

Enclosure type acc. UL 50: NEMA 4/12
(File E235076)

Note: Han® hoods and housing with NPT-thread also available by HARTING Inc. of North America, USA

Han® 3 A Hoods/Housings thermoplastic

Material	Polycarbonate RAL 7032
Locking element	Polyamide RAL 7032
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Flammability acc. to UL 94	V 0
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 67

Han® 3 A Hoods/Housings metal

Material	Die cast zinc alloy
Surface	powder-coated RAL 7037 (grey)
Locking element	Steel, zinc plated
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han® Standard Hoods/Housings

Material	Die cast aluminium alloy
Surface	powder-coated RAL 7037 (grey)
Locking element	V2A Steel / Steel, zinc plated / Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han® M Hoods/Housings for harsh environmental requirements

Material	Die cast aluminium alloy
Surface	
- Priming	Chromated
- Top Coat	Epoxy powder paint (black)
Locking element	V2A Steel
Hoods/Housings seal	FPM
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65
Size Han® 3 A	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han® HPR Hoods/Housings pressure tight and highly EMI resistant

Material	corrosion resistant die cast aluminium alloy
Surface	
- Top Coat	Epoxy powder paint (black)
Locking element	
- Screw locking	M 6
- Material	V2A Steel
- Tightening torque	4 Nm
- Toggle locking	
- Material	V2A Steel
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 68

Han® EMC Hoods/Housings for high shielding

Material	Die cast aluminium alloy
Surface	conductive finish
Locking element	V2A Steel / Steel, zinc plated
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65
Size Han® 3 A	IP 44 IP 67 is achieved with seal screw 09 20 000 9918

Han® EMC/ B Hoods/Housings for high shielding

Material	
- hoods/housings	Die cast aluminium alloy
- shielded frames	Die cast zinc alloy
Surface	
- hoods/housings	electrical conductive
- shielded frames	electrical conductive
Locking element	Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Enclosure type acc. to UL 50	NEMA 4/12
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Han-Drive® Housings for motor applications

Material	Die cast aluminium alloy
Surface	powder-coated RAL 7037 (grey)
Locking element	Steel, zinc plated Han-Easy Lock®
Hoods/Housings seal	NBR
Limiting temperatures	- 40 °C / +125 °C
Degree of protection acc. to DIN EN 60 529 for coupled connector	IP 65

Characteristics

The industrial market places high demands on connector systems. In order to meet these diverse demands HARTING has developed a new locking concept. The Han-Easy Lock® lever system differs in all component parts to any product previously offered on the market.

With the combination of a plastic element and stainless steel springs and bearings, the following major application advantages are given:

- Easy handling
- Low operating forces
- Stable lever position
- Excellent sealing
- High number of operating cycles
- Corrosion resistance

Easy and secure handling of the connector, even in areas with awkward or restricted access.

Thermoplastic

	Identification	Part No.	Pg	Drawing	Dimensions in mm
Hoods	**Hoods** side-entry	grey **09 20 003 0620** black 09 20 003 0627	11 11		
Hoods	**Hoods** top-entry	grey **09 20 003 0420** black **09 20 003 0427**	11 11		
Hoods	**Protection covers** for hoods	09 20 003 5442[1] 09 20 003 5441[2]			
Housings	**Housings** bulkhead mounting	grey **09 20 003 0320** black **09 20 003 0327** grey **09 20 003 0820** black **09 20 003 0827**	– – – –		Panel cut out 22 x 22 mm
Housings	**Housings** surface mounting 1 side-entry	grey **09 20 003 0220** black 09 20 003 0227	11 11		Panel cut out 22 x 22 mm
Housings	**Housings** screw mounting	grey **09 20 003 0120**	13.5		
Han Hoods Housings	**Hoods** cable to cable	grey **09 20 003 0720** black 09 20 003 0727	11 11		
	Protection covers for housings A B for hoods cable to cable C	09 20 003 5407[1][3] **09 20 003 5408**[2][3][4] **09 20 003 5445**[2] 09 20 003 5446[1] 09 20 003 5447[2][3][4] 09 20 003 5448[1] 09 20 003 5449[2][4]			

[1] for mounted male insert
[2] for mounted female insert
[3] for metal housings and cable to cable hoods also
[4] for mounted Han-Brid® male and female insert

Stock items in bold type

Metal

	Identification	Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hood side-entry without seal	**09 20 003 1640**	11		
	Hood top-entry	**09 20 003 1440**	11		
	Protection covers for hoods	**09 20 003 5422**[1)] **09 20 003 5421**[2)]			
Housings	Housings bulkhead mounting	**09 20 003 0301**		Panel cut out 22 x 22 mm	
	with fixed cover without sealing	**09 20 003 0305**[1)]			
	with sealing	**09 20 003 0306**[2)]			
		09 20 003 0801			
	Housing surface mounting 1 side-entry	**09 20 003 1250**	11	Panel cut out 22 x 22 mm	
	bottom closed	**09 20 003 1252**	11		
	Housing screw mounting	**09 20 003 0102**	13.5		
	Hood cable to cable	**09 20 003 1750**	11		
	Protection covers for housings	**09 20 003 5426**[1)] **09 20 003 5425**[2)]			
	for hoods cable to cable	09 20 003 5428[1)] **09 20 003 5427**[2)]			

[1)] for mounted male insert [2)] for mounted female insert

Stock items in bold type

with 1 lever on the housing

	Identification	Part No. Low construction	Part No. High construction	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry	**09 20 010 1541**		16		
			09 20 010 0540 **09 20 010 0541**	16 21		
	Hoods top-entry without cable-entry	**09 20 010 1440**		13.5		
			09 20 010 0440 **09 20 010 0441**	16 21		
			09 20 010 0801	–		
	Protection covers for hoods	**09 20 010 5423**				
Housings	Housings bulkhead mounting	**09 20 010 0301**		–		
		with thermo-plastic cover **09 20 010 0321**		–		
Housings	Housings surface mounting	**09 20 010 0251** **09 20 010 0252** **09 20 010 0291**		1 x 16 1 x 21 2 x 16		
		with thermo-plastic cover 09 20 010 0221 **09 20 010 0296**		1 x 16 2 x 16		
	Protection covers for housings	**09 20 010 5425**				

Han Hoods Housings

Stock items in bold type

with 1 lever on the housing

	Identification	Part No. Low construction	Part No. High construction	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry 	**09 20 016 1541**		16		
			09 20 016 0540 **09 20 016 0541**	16 21		
	Hoods top-entry without cable-entry	**09 20 016 1441**		16		
			09 20 016 0440 **09 20 016 0441**	16 21		
			09 20 016 0801	–		
	Protection covers for hoods 	09 20 016 5423				
Housings	Housings bulkhead mounting 	**09 20 016 0301**		–		
		with thermo-plastic cover **09 20 016 0321**		–		
	Housings surface mounting 	**09 20 016 0251** **09 20 016 0252** **09 20 016 0291**		1 x 16 1 x 21 2 x 16		
		with thermo-plastic cover 09 20 016 0221 09 20 016 0222 09 20 016 0296		1 x 16 1 x 21 2 x 16		
	Protection covers for housings 	**09 20 016 5425**				

Han Hoods Housings

Stock items in bold type

with 2 levers on the housing for 2 inserts

	Identification	Part No. Low construction	Part No. High construction	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry	**09 20 032 1520**	**09 20 032 0520** **09 20 032 0521**	21 21 29		
Hoods	Hoods top-entry		**09 20 032 0420** **09 20 032 0421**	21 29		
Hoods	Protection cover		09 20 032 5401			
Housings	Housing bulkhead mounting	**09 20 032 0301**		–	Panel cut out	
Housings	Housings surface mounting		**09 20 032 0230** **09 20 032 0231** 09 20 032 0270 09 20 032 0271	1 x 21 1 x 29 2 x 21 2 x 29	Blind way for one cable entry	
Housings	Protection cover		09 20 032 5405			

Han Hoods Housings

Stock items in bold type

with 2 levers on the housing with central locking lever for 2 inserts

	Identification	Part No. Low construction	Part No. High construction	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry 	09 20 032 1530	09 20 032 0530 09 20 032 0531	21 21 29		
Hoods	Hoods top-entry 		09 20 032 0430 **09 20 032 0431**	21 29		
Housings	Housings bulkhead mounting 	with thermo-plastic cover 09 20 032 0302		–	 Panel cut out	
Housings	Housings surface mounting 		with thermo-plastic cover 09 20 032 0220 09 20 032 0221 with thermo-plastic cover 09 20 032 0260 09 20 032 0261	1 x 21 1 x 29 2 x 21 2 x 29	 1) Blind way for one cable entry	
	Hood with central locking lever side-entry 		09 20 032 0581	29		
	Housing for central locking bulkhead mounting 	09 20 032 0381		–		

Han Hoods Housings

Stock items in bold type

Standard Hoods with PG entries

Size 6 B

with 1 lever on the housing

Identification	Part No. Low construction	Part No. High construction	Pg	Drawing	Dimensions in mm
Hoods					
Hoods side-entry	**09 30 006 1540**		13.5		
	09 30 006 1541		16		
		09 30 006 0542	21		
		09 30 006 0543	29		
Hoods top-entry	**09 30 006 1440**		13,5		
	09 30 006 1441		16		
		09 30 006 0442	21		
		09 30 006 0443	29		
without cable-entry		09 30 006 0801	–		
Protection covers metal	09 30 006 5401				
	09 30 006 5423				

Han Hoods Housings

Stock items in bold type

with 1 lever on the housing

Identification	Part No. Low construction	Part No. High construction	Pg	Drawing / Dimensions in mm
Housings bulkhead mounting	**09 30 006 0301**		–	Panel cut out 48 x 35 mm
	with thermo-plastic cover **09 30 006 0302**		–	
	with metal cover **09 30 006 0318**		–	
Housings surface mounting	**09 30 006 1251**		1 x 16	
	09 30 006 1291	**09 30 006 0292** 09 30 006 0293	2 x 16 2 x 21 2 x 29	
	with thermo-plastic cover **09 30 006 1256**	with thermo-plastic cover	1 x 16	
	09 30 006 1296	**09 30 006 0297** 09 30 006 0298	2 x 16 2 x 21 2 x 29	
	with metal cover **09 30 006 2256**	with metal cover	1 x 16	
	09 30 006 2296	09 30 006 2297	2 x 16 2 x 21	1) Blind way for one cable entry
Protection covers thermoplastic	**09 30 006 5404**			
metal	**09 30 006 5425**			
Hoods cable to cable	**09 30 006 1750**	**09 30 006 0752** 09 30 006 0753	13.5 21 29	
Protection cover metal	09 30 006 5427			

	a	b	h
Low construction	40	52	54
High construction	45	57	74

h
42.5
72.5

Han Hoods Housings

Stock items in bold type

Standard Hoods with PG entries

with 2 levers on the housing

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods side-entry	10	**09 30 010 1521**		16
	10		**09 30 010 0522**	21
	10		**09 30 010 0523**	29
	16	**09 30 016 1520**	**09 30 016 0520**	21
	16		**09 30 016 0521**	29
	24	**09 30 024 1520**	**09 30 024 0520**	21
	24		**09 30 024 0521**	29

Size	a	Low construction h	High construction h
10 B	73	57	72
16 B	93.5	62.5	76
24 B	120	62.5	76

* 10 B: housing width 43 mm

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods top-entry	10	**09 30 010 1421**		16
	10		**09 30 010 0422**	21
	10		**09 30 010 0423**	29
	16	**09 30 016 1420**	**09 30 016 0420**	21
	16		**09 30 016 0421**	29
	24		**09 30 024 0420**	21
	24	**09 30 024 1421**	**09 30 024 0421**	29
without cable-entry	10		09 30 010 0801	–
	16		**09 30 016 0801**	–
	24		09 30 024 0801	–

Size	a	Low construction h	High construction h
10 B	73	45	72
16 B	93.5	45	76
24 B	120	55	76

* 10 B: housing width 43 mm

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods Flat cable-entry	16		09 30 016 4411	–
	24		09 30 024 4411	–

Size	a
16 B	93.5
24 B	120

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Protection covers thermoplastic/metal	10	09 30 010 5401		
	10	**09 30 010 5423**		
	16	09 30 016 5401		
	16	**09 30 016 5422**		
	24	**09 30 024 5401**		
	24	**09 30 024 5422**		

Size	a	b	c
10 B	74	78.5	28.5
16 B	94.5	99	44
24 B	121	125.5	44

Stock items in bold type

Standard Housings with PG entries

with 2 levers on the housing

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Housings bulkhead mounting	10	**09 30 010 0301**		–
	16	**09 30 016 0301**		–
	24	**09 30 024 0301**		–
Housings surface mounting	10	**09 30 010 1231**		1 x 16
	10		09 30 010 0232	1 x 21
	10		09 30 010 0233	1 x 29
	10	**09 30 010 1271**		2 x 16
	10		**09 30 010 0272**	2 x 21
	10		09 30 010 0273	2 x 29
	16	**09 30 016 1230**	**09 30 016 0230**	1 x 21
	16		**09 30 016 0231**	1 x 29
	16	**09 30 016 1270**	**09 30 016 0270**	2 x 21
	16		**09 30 016 0271**	2 x 29
	24	**09 30 024 1230**	**09 30 024 0230**	1 x 21
	24		**09 30 024 0231**	1 x 29
	24	**09 30 024 1270**	**09 30 024 0270**	2 x 21
	24		**09 30 024 0271**	2 x 29
Protection covers Thermoplastic/metal	10	**09 30 010 5407**		
	10	**09 30 010 5425**		
	16	**09 30 016 5405**		
	16	**09 30 016 5425**		
	24	**09 30 024 5405**		
	24	**09 30 024 5425**		
Hoods cable to cable	10	**09 30 010 1731**		16
	10		**09 30 010 0732**	21
	10		**09 30 010 0733**	29
	16	**09 30 016 1730**	**09 30 016 0730**	21
	16		**09 30 016 0731**	29
	24		**09 30 024 0730**	21
	24	**09 30 024 1731**	**09 30 024 0731**	29
Protection covers	10	09 30 010 5427		
	16	09 30 016 5426		
	24	09 30 024 5426		

Drawing — Dimensions in mm

Size	a	b	Panel cut out
10 B	83	93	60 x 35
16 B	103	113	82 x 35
24 B	130	140	108 x 35

Blind way for one cable entry

Size	con-struction	a	b	c	d	h
10 B	low	82	94	40	52	54
	high	82	94	45	57	81
16 B	low	105	117	45	57	56
	high	105	117	45	57	81
24 B	low	132	144	45	57	56
	high	132	144	45	57	81

Size	a	b
10 B	74	78.5
16 B	94.5	99
24 B	121	125.5

Size	con-struction	a	h
10 B	low	73	47.5
	high	73	74.5
16 B	low	93.5	47.5
	high	93.5	78.5
24 B	low	120	57.5
	high	120	78.5

Size	b	c
10 B	78.5	28.5
16 B	99	44
24 B	125.5	44

Stock items in bold type

Standard Hoods with PG entries

with 1 lever on the housing

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods side-entry	10	**09 30 010 1541**		16
	10		**09 30 010 0542**	21
	10		**09 30 010 0543**	29
	16	**09 30 016 1540**	**09 30 016 0540**	21
	16		**09 30 016 0541**	29
	24	**09 30 024 1540**	**09 30 024 0540**	21
	24		**09 30 024 0541**	29

Size	a	Low construction h	High construction h
10 B	73	57	72
16 B	93.5	62.5	76
24 B	120	62.5	76

* 10 B: housing width 43 mm

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods top-entry	10	**09 30 010 1441**		16
	10		09 30 010 0442	21
	10		**09 30 010 0443**	29
	16	**09 30 016 1440**	**09 30 016 0440**	21
	16		**09 30 016 0441**	29
	24		**09 30 024 0440**	21
	24	**09 30 024 1441**	**09 30 024 0441**	29
without cable entry	10		09 30 010 0803	–
	16		09 30 016 0803	–
	24		09 30 024 0803	–

Size	a	Low construction h	High construction h
10 B	73	45	72
16 B	93.5	45	76
24 B	120	55	76

* 10 B: housing width 43 mm

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods Flat cable-entry	16		09 30 016 4441	–

Size	a
16 B	93.5
24 B	120

Stock items in bold type

with 1 lever on the housing

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Housings bulkhead mounting				
	10	**09 30 010 0305**		–
	16	**09 30 016 0307**		–
	24	**09 30 024 0307**		–
		with thermo-plastic cover		
	10	**09 30 010 0303**		–
	16	**09 30 016 0306**		–
	24	**09 30 024 0304**		–
		with metal cover		
	10	**09 30 010 0318**		–
	16	**09 30 016 0318**		–
	24	**09 30 024 0318**		–
Housings surface mounting	10	**09 30 010 1251**		1 x 16
	10	**09 30 010 1291**		2 x 16
	10		**09 30 010 0292**	2 x 21
	10		09 30 010 0293	2 x 29
	16	**09 30 016 1250**	09 30 016 0250	1 x 21
	16		09 30 016 0251	1 x 29
	16	**09 30 016 1290**	09 30 016 0290	2 x 21
	16		09 30 016 0291	2 x 29
	24	**09 30 024 1250**	09 30 024 0250	1 x 21
	24		09 30 024 0251	1 x 29
	24	**09 30 024 1290**	09 30 024 0290	2 x 21
	24		09 30 024 0291	2 x 29
		with thermoplastic cover	with thermoplastic cover	
	10	**09 30 010 1256**		1 x 16
	10	**09 30 010 1296**		2 x 16
	10		**09 30 010 0297**	2 x 21
	10		09 30 010 0298	2 x 29
	16	**09 30 016 1255**	09 30 016 0255	1 x 21
	16		09 30 016 0256	1 x 29
	16	**09 30 016 1295**	09 30 016 0295	2 x 21
	16		**09 30 016 0296**	2 x 29
	24	**09 30 024 1255**	09 30 024 0255	1 x 21
	24		09 30 024 0256	1 x 29
	24	**09 30 024 1295**	**09 30 024 0295**	2 x 21
	24		**09 30 024 0296**	2 x 29
		with metal cover	with metal cover	
	10	09 30 010 2296		2 x 16
	10		09 30 010 2297	2 x 21
	16	**09 30 016 2295**	09 30 016 2297	2 x 21
	16		09 30 016 2298	2 x 29
	24	09 30 024 2295	09 30 024 2297	2 x 21
	24		09 30 024 2298	2 x 29
Hoods cable to cable	10	**09 30 010 1751**		16
	10		09 30 010 0752	21
	10		**09 30 010 0753**	29
	16	09 30 016 1750	09 30 016 0750	21
	16		09 30 016 0751	29
	24	09 30 024 1751	09 30 024 0751	29

Drawing / Dimensions in mm

Size	a	b	Panel cut out
10 B	83	93	60 x 35
16 B	103	113	82 x 35
24 B	130	140	108 x 35

1) Blind way for one cable entry

Size	Construction	a	b	c	d
10 B	low	82	94	40	52
	high	82	94	45	57
16 B	low/high	105	117	45	57
24 B	low/high	132	144	45	57

Size	Construction	e	f	g	h
10 B	low	32	22	67	54
	high	28	20	65	81
16 B	low	30	20	65	56
	high	28	20	65	81
24 B	low	30	20	65	56
	high	28	20	65	81

Size	a	b	h low	h high
10 B	73	89	47.5	74.5
16 B	93.5	110	47.5	78.5
24 B	120	137	57.5	78.5

Stock items in bold type

Standard Hoods/Housings with PG entries

with 2 levers on the housing

	Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods	Hoods side-entry	10	**09 30 010 1531**		16
		10		**09 30 010 0532**	21
		10		09 30 010 0533	29
		16	**09 30 016 1530**	**09 30 016 0530**	21
		16		**09 30 016 0531**	29
		24	**09 30 024 1530**	**09 30 024 0530**	21
		24		**09 30 024 0531**	29
	Hoods top-entry	10	**09 30 010 1431**		16
		10		09 30 010 0432	21
		10		**09 30 010 0433**	29
		16	**09 30 016 1430**	**09 30 016 0430**	21
		16		**09 30 016 0431**	29
		24		**09 30 024 0430**	21
		24	09 30 024 1431	**09 30 024 0431**	29
	Hoods flat cable entry	16		09 30 016 4431	
Housings	Housings bulkhead mounting		with thermoplastic cover		
		10	**09 30 010 0302**		
		16	**09 30 016 0302**		
		24	**09 30 024 0302**		
			with metal cover		
		10	09 30 010 0317		
		16	09 30 016 0317		
		24	09 30 024 0317		
Housings	Housings surface mounting		with thermoplastic cover	with thermoplastic cover	
		10	**09 30 010 1221**		1 x 16
		10		09 30 010 0222	1 x 21
		10		09 30 010 0223	1 x 29
		10	**09 30 010 1261**		2 x 16
		10		09 30 010 0262	2 x 21
		10		09 30 010 0263	2 x 29
		16	**09 30 016 1220**	09 30 016 0220	1 x 21
		16		09 30 016 0221	1 x 29
		16	**09 30 016 1260**	09 30 016 0260	2 x 21
		16		09 30 016 0261	2 x 29
		24	**09 30 024 1220**	09 30 024 0220	1 x 21
		24		**09 30 024 0221**	1 x 29
		24	09 30 024 1260	09 30 024 0260	2 x 21
		24		**09 30 024 0261**	2 x 29
			with metal cover	with metal cover	
		10	09 30 010 2261		2 x 16
		10		09 30 010 2263	2 x 29
		16	09 30 016 2260		2 x 21
		24	09 30 024 2260	09 30 024 2262	2 x 21
		24		09 30 024 2263	2 x 29

Dimensions in mm

Size	a	Low construction h	High construction h
10	73	57	72
16	93.5	62.5	76
24	120	62.5	76

* 10 B and low construction: housing width 43 mm

Size	a	Low construction h	High construction h
10	73	45	72
16	93.5	45	76
24	120	55	76

* 10 B and low construction: housing width 43 mm

a = see above

* 10 B and low construction: housing width 43 mm

Panel cut out

Size	a	b	c
10	83	93	60
16	103	113	82
24	130	140	108

1) Blind way for one cable entry

Size	Construction	a	b	c	d	f	g	h
10	low	82	94	40	52	22	67	54
	high	82	94	45	57	20	65	81
16	low	105	117	45	57	20	65	56
	high	105	117	45	57	20	65	81
24	low	132	144	45	57	20	65	56
	high	132	144	45	57	20	65	81

Stock items in bold type

with central locking lever

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods — Hoods side-entry	6		09 30 006 0581	16
	10		09 30 010 0581	16
	10		09 30 010 0582	21
	16		09 30 016 0580	21
	16		09 30 016 0581	29
	24		09 30 024 0580	21
	24		**09 30 024 0581**	29
Hoods — Hoods top-entry	16		09 30 016 0480	21
	16		09 30 016 0481	29
	24		09 30 024 0480	21
	24		09 30 024 0481	29
Housings — Housings bulkhead mounting	6		09 30 006 0381	
	10		09 30 010 0381	
	16		09 30 016 0381	
	24		**09 30 024 0381**	
Housings — Housings surface mounting	16	09 30 016 1280		2 x 21
	16		09 30 016 0281	2 x 29
	24		09 30 024 0281	2 x 29

Dimensions in mm

Size	a	b
6	60	70
10	73	70
16	93.5	76
24	120	87

* 6 B, 10 B: housing width 43 mm

Size	a	b
16	93.5	76
24	120	87

Size	a	b	Panel cut out
6	70	80	48 x 35
10	83	93	60 x 35
16	103	113	82 x 35
24	130	140	108 x 35

Size	a	b	h
16	105	117	81
24	132	144	81

Stock items in bold type

with 2 levers on the housing for 2 inserts

	Identification		Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry		**09 30 032 0521** **09 30 032 0522** **09 30 032 0523**	29 36 42		
Hoods	Hoods top-entry		**09 30 032 0421** **09 30 032 0422** 09 30 032 0423	29 36 42		
Hoods	Protection cover for hoods		**09 30 032 5420**	–		
Housings	Housing bulkhead mounting		**09 30 032 0301**	–	Panel cut out	
Housings	Housings surface mounting		**09 30 032 0231** 09 30 032 0232 **09 30 032 0271** 09 30 032 0272 09 30 032 0273	1 x 29 1 x 36 2 x 29 2 x 36 2 x 42	Blind way for one cable entry	
Hoods	Hoods cable to cable		09 30 032 0731 09 30 032 0732 09 30 032 0733	29 36 42		
Housings	Protection covers for housings		**09 30 032 5425**	–		
Housings	for cable to cable hoods		09 30 032 5426 09 30 032 5427	42 36		

for PG	Ø
42	64
36	55.5

Han Hoods Housings

Stock items in bold type

with 1 lever on the housing for 2 inserts

	Identification	Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry 	**09 30 048 0540** **09 30 048 0541** 09 30 048 0542	29 36 42		
Hoods	Hoods top-entry 	**09 30 048 0440** **09 30 048 0441** **09 30 048 0442**	29 36 42		
Housings	Housings bulkhead mounting 	with thermo-plastic cover **09 30 048 0301** with metal cover **09 30 048 0317**	– –	 Panel cut out 	
Housings	Housings surface mounting 2 side-entries 	**09 30 048 0290** 09 30 048 0291 with thermo-plastic cover **09 30 048 0295** **09 30 048 0296** with metal cover 09 30 048 2295 **09 30 048 2296**	29 36 29 36 29 36	 1) Blind way	

Han Hoods Housings

Stock items in bold type

for harsh environmental requirements

	Identification		Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hoods side-entry		**09 37 003 1640**	11		
Hoods	Hoods top-entry		**09 37 003 1440**	11		
Hoods	Protection covers for hoods		09 37 003 5402[1)] 09 37 003 5401[2)]			
Housings	Housings bulkhead mounting	 	**09 37 003 0301** **09 37 003 0801**			Panel cut out 22 x 22 mm
Housings	Housing surface mounting 1 side-entry		09 37 003 1250	11		Panel cut out 22 x 22 mm
Housings	Hood cable to cable		**09 37 003 1750**	11		
Housings	Protection cover for housings		**09 37 003 5405**[2)] 09 37 003 5406[1)]			

[1)] for mounted male insert [2)] for mounted female insert

Stock items in bold type

for harsh environmental requirements

	Identification		Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hood side-entry		**09 37 006 1540** 09 37 006 0542	13.5 21		
Hoods	Hoods top-entry		09 37 006 1440 09 37 006 1441	13.5 16		
Housings	Housing bulkhead mounting		**09 37 006 0301**	–		
Housings	Housing surface mounting 2 side-entries		**09 37 006 1291**	16		
Housings	Protection cover metal		09 37 006 5405			
Housings	Hood cable to cable		09 37 006 1750	13.5		
Housings	Protection cover metal		09 37 006 5407	13.5		

Stock items in bold type

Hoods/Housings Han® M with PG entries

Size B

for harsh environmental requirements

	Identification	Size	Part No.	Pg	Drawing h	Drawing a	Dimensions in mm
Hoods	Hoods side-entry	10	**09 37 010 1521**	16	52	73	* 10 B: housing width 43 mm
		16	**09 37 016 1520**	21	60	93.5	
		16	**09 37 016 0521**	29	76	93.5	
		24	**09 37 024 1520**	21	60	120	
		24	**09 37 024 0521**	29	76	120	
	Hoods top-entry	10	09 37 010 1421	16	45	73	* 10 B: housing width 43 mm
		16	**09 37 016 0421**	29	76	93.5	
		24	09 37 024 0421	29	76	120	
	Protection covers metal	10	09 37 010 5403	–	79		
		16	09 37 016 5402	–	99.5		
		24	**09 37 024 5402**	–	126		
Housings	Housings bulkhead mounting	10	09 37 010 0301	–	83	93	60 Panel cut out
		16	**09 37 016 0301**	–	103	113	82
		24	**09 37 024 0301**	–	130	140	108
	Housings surface mounting	10	**09 37 010 1271**	2 x 16	54	82	94 40 52
		16	**09 37 016 1230**	1 x 21	56	105	117 45 57
		16	**09 37 016 0271**	2 x 29	81	105	117 45 57
		24	**09 37 024 0271**	2 x 29	81	132	144 45 57
	Protection covers metal	10	09 37 010 5405	–	79		
		16	09 37 016 5405	–	99.5		
		24	**09 37 024 5405**	–	126		
	Hoods cable to cable	10	09 37 010 1731	16	47.5	73	
		16	09 37 016 1730	21	47.5	93.5	

Han Hoods Housings

Stock items in bold type

Identification	Size	Part no. Toggle locking	Pg	Drawing	Dimensions in mm
Hood with sealing screw* 	3 A	**09 40 003 0402**	13.5		
Housing bulkhead mounting with sealing screw* 	3 A	**09 40 003 0301**		Panel cut out 21.3 x 21.3 mm 	

Accessories	Size	Reference-Number	Pg	Drawing	Dimensions in mm
Adaptor for assembly of bulkhead mounted housing in angled position with Pg-entry Pg cable gland not included in delivery range	3 A	09 40 003 0901	13.5		
Adaptor for assembly in angled position 	3 A	**09 40 003 0902**	–		

Han Hoods Housings

* Sealing on the insert has to be removed

Stock items in bold type

Hoods
side-entry

Identification	Size	Part No. Toggle locking	Part No. Screw locking	Pg
	6	09 40 006 0501	09 40 006 0511	16
	6	09 40 006 0502	09 40 006 0512	21
	10	09 40 010 0502	09 40 010 0512	21
	10	09 40 010 0503	09 40 010 0513	29
	16	09 40 016 0502	09 40 016 0512	21
	16	09 40 016 0503	09 40 016 0513	29
	16	09 40 016 0504	09 40 016 0514	36
	24	09 40 024 0503	**09 40 024 0513**	29
	24	**09 40 024 0504**	09 40 024 0514	36

Drawing / Dimensions in mm

Size	a	h
6 B	133	101
10 B	146	101
16 B	166	111
24 B	193	111

Hoods
top-entry

Identification	Size	Part No. Toggle locking	Part No. Screw locking	Pg
	6	09 40 006 0401	09 40 006 0411	16
	6	09 40 006 0402	09 40 006 0412	21
	6		09 40 006 0413	29
	10	09 40 010 0401	09 40 010 0411	16
	10	09 40 010 0402	09 40 010 0412	21
	10	09 40 010 0403	09 40 010 0413	29
	16	09 40 016 0402	09 40 016 0412	21
	16	09 40 016 0403	09 40 016 0413	29
	16	09 40 016 0404	09 40 016 0414	36
	16		09 40 016 0432	2 x 21
	24	09 40 024 0402	09 40 024 0412	21
	24	09 40 024 0403	**09 40 024 0413**	29
	24	09 40 024 0404	**09 40 024 0414**	36
	24		09 40 024 0433	2 x 29

Drawing / Dimensions in mm

Size	a	h
6 B	133	101
10 B	146	101
16 B	166	111
24 B	193	111

Type of locking

	Toggle locking	Screw locking
	X upper part	X upper part
	X lower part	X lower part

Stock items in bold type

Identification	Size	Part No. Toggle locking	Part No. Screw locking	Pg	Drawing	Dimensions in mm
Housings bulkhead mounting	6	09 40 006 0301	**09 40 006 0311**			
	10	09 40 010 0301	**09 40 010 0311**			
	16	**09 40 016 0301**	**09 40 016 0311**			
	24	**09 40 024 0301**	**09 40 024 0311**			
Housings surface mounting	6		**09 40 006 1262**	1 x 29		
	10		**09 40 010 1262**	1 x 29		
	16		09 40 016 1201	–		
	16		09 40 016 1263	1 x 36		
	24		09 40 024 1263	1 x 36		
Protection covers	6	09 40 006 5401	**09 40 006 5411**			
	10	09 40 010 5401	09 40 010 5411			
	16	09 40 016 5401	**09 40 016 5411**			
	24	09 40 024 5401	**09 40 024 5411**			
Mounting frames	6		09 40 000 9901			
	10		09 40 000 9902			
	16		09 40 000 9903			
	24		**09 40 000 9904**			

Size	a	b	c
6 B	70	133	48
10 B	83	146	60
16 B	103	166	82
24 B	130	193	108

Size	a	b
6 B	127	156
10 B	140	169
16 B	160	189
24 B	187	216

Size	a
6 B	133
10 B	146
16 B	166
24 B	193

Size	a	b
6 B	70	96
10 B	83	109
16 B	103	129
24 B	130	156

Stock items in bold type

	Identification		Part No.	Pg	Drawing	Dimensions in mm
Hoods	Hood side-entry		**09 62 003 1640**	11		
Hoods	Hood top-entry		**09 62 003 1440**	11		
Housings	Housings bulkhead mounting	 	**09 62 003 0301** **09 62 003 0801**		Panel cut out 22 x 22 mm 	
Housings	Housing surface mounting 1 side-entry bottom closed		**09 62 003 1250** **09 62 003 1252**	11 11	Panel cut out 22 x 22 mm 	
Housings	Housing screw mounting		**09 62 003 0102**	13.5		
Housings	Hood cable to cable		**09 62 003 1750**	11		

Han Hoods Housings

Stock items in bold type

Identification	Size	Part No.	Pg	Drawing	Dimensions in mm

Hoods

Hoods
side-entry

Size	Part No.	Pg
10 A	**09 62 015 0540**	16
10 A	09 62 015 0541	21
16 A	09 62 025 0540	16
16 A	09 62 025 0541	21

Size	a	h
10 A	64	70
16 A	80	70

Hoods
top-entry

Size	Part No.	Pg
10 A	09 62 015 0440	16
10 A	09 62 015 0441	21
16 A	09 62 025 0440	16
16 A	09 62 025 0441	21

Size	a	h
10 A	64	70
16 A	80	70

Housings

Housings
bulkhead mounting

Size	Part No.
10 A	**09 62 015 0301**
16 A	09 62 025 0301

Size	a	b	Panel cut out
10 A	81	70	24 x 57
16 A	96	86	24 x 73

Stock items in bold type

Identification	Size	Part No.	Pg
Hoods			
side-entry	6	**09 62 006 0540**	16
	6	09 62 006 0541	21
	10	09 62 010 0540	16
	10	09 62 010 0541	21
	10	09 62 010 0542	29
	16	**09 62 040 0540**	21
	16	**09 62 040 0541**	29
	24	09 62 064 0540	21
	24	09 62 064 0541	29
with central locking lever	10	09 62 010 0580	16
	10	09 62 010 0581	21
	10	09 62 010 0582	29
	16	09 62 040 0580	21
	16	09 62 040 0581	29
	24	09 62 064 0580	21
	24	**09 62 064 0581**	29
Hoods			
top-entry	6	09 62 006 0440	16
	6	09 62 006 0441	21
	10	09 62 010 0440	16
	10	**09 62 010 0441**	21
	10	**09 62 010 0442**	29
	16	09 62 040 0440	21
	16	09 62 040 0441	29
	24	09 62 064 0440	21
	24	09 62 064 0441	29
	24	09 62 064 0442	36
with central locking lever	10	09 62 010 0481	21
	16	09 62 040 0481	29
	24	09 62 064 0481	29
Housings bulkhead mounting			
	6	09 62 006 0301	
	10	**09 62 010 0301**	
	16	**09 62 040 0301**	
	24	09 62 064 0301	
for central locking lever	10	09 62 010 0381	
	16	09 62 040 0381	
	24	**09 62 064 0381**	
Housing surface mounting	6	**09 62 006 1205**	2 x 16

Drawing — Dimensions in mm

Size	a	b	h
6	72	–	75
10	85	76	75
16	106	86	75
24	132	100	85

Size	a	h
6	72	75
10	85	75
16	106	75
24	132	85

Size	a	b	Panel cut out
6	80	70	48 x 35
10	93	83	60 x 35
16	113	103	82 x 35
24	140	130	108 x 35

Stock items in bold type

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods				
side-entry	06	09 62 806 1541		16
	06		09 62 806 0542	21
with single levers				
with double levers	10	09 62 810 1521		16
	10		09 62 810 0522	21
	16	09 62 816 1520		21
	16		**09 62 816 0521**	29
	24	09 62 824 1520		21
	24		09 62 824 0521	29

Drawing / Dimensions in mm

Size	a	Low construction h	High construction h
10 B	73	57	72
16 B	93.5	62.5	76
24 B	120	62.5	76

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Hoods				
top-entry	06	09 62 806 1441		16
	06		09 62 806 0442	21
with single levers				
with double levers	10	09 62 810 1421		16
	10		09 62 810 0422	21
	16	09 62 816 1420		21
	16		09 62 816 0421	29
	24	09 62 824 1421	09 62 824 0421	29
without cable-entry	06		09 62 806 0801	–
	10		09 62 810 0801	–
	16		09 62 816 0801	–
	24		09 62 824 0801	–

Drawing / Dimensions in mm

Size	a	Low construction h	High construction h
10 B	73	45	72
16 B	93.5	55	76
24 B	120	55	76

Size	a	b	h
10	73	43	72
16	93.5	45	76
24	120	45	76

Identification	Size	Part No. Low construction	Part No. High construction	Pg
Housings				
bulkhead mounting with 2 locking levers and 1 adapter frame	06	**09 62 806 0301**		–
	10	**09 62 810 0301**		–
	16	**09 62 816 0301**		–
	24	**09 62 824 0301**		–
Size 6 B with 1 locking lever only				

Drawing / Dimensions in mm

Size	a	b	Panel cut out
6 B	70	80	48 x 35
10 B	83	93	60 x 35
16 B	103	113	82 x 35
24 B	130	140	108 x 35

Stock items in bold type

Housing for motor termination for Han-Drive®

Size 10 B

Identification	Part No.	a	b	c	d	Ø
Housing for motor terminations						
powder-coated RAL 7037	**09 30 010 0901**	82	68	68	82	4,5
	09 30 010 0902	98	–	–	98	–
powder-coated with protection cover	09 30 010 0961	82	70	70	82	–
unpainted	09 30 410 0901	82	68	68	82	4,5
	09 30 410 0909	98	–	–	98	–
	09 30 410 0921	85	73	73	85	–
	09 30 410 0951	82	68	68	82	4,5

Drawing — Dimensions in mm

EMC hoods/housings
for highly EMI resistant — 09 62 810 0901

Other dimensions (a + d) on request (98 x 98 mm)

Dust protection cover — **09 30 010 5406**

Compatible connector inserts

Screw terminal 500 V 16 A Han E®	Cage-clamp terminal 500 V 16 A Han® ES Han® ESS	Crimp terminal 500 V 16 A Han E®	Crimp terminal 500 V 16 A Han® EE	Crimp terminal 400/160 V 16/10 A Han-Com®	Crimp terminal / Screw terminal 50 V – 830 V 10 A – 40 A
10 + ⏚	10 + ⏚	10 + ⏚	18 + ⏚	8/24 + ⏚	Han-Modular + ⏚

Features

- ❑ Angled housing replaces the terminal box
- ❑ Space saving and compact design
- ❑ The position of the terminal housing can be switched by 90°
- ❑ Compatible with standard hoods for single lever
- ❑ Locking element Han-Easy Lock®
- ❑ Star and delta circuits can be realized in the female connector Han® ESS
- ❑ Suitable for standard inserts (see compatible connector inserts)

Stock items in bold type

Hoods/Housings with PG entries

for special applications

Identification	Size	Part No.	Pg	Drawing	Dimensions in mm
Hoods top-entry	10	**09 30 010 0460**	2x13.5		
	16	**09 30 016 0459**	2 x 16		
	16	**09 30 016 0462**	2 x 21		
	24	**09 30 024 0462**	2 x 21		
	24	**09 30 024 0461**	2 x 29		

Size	a	h	x	Pg
10	73	72	20	2x13.5
16	93.5	76	36	2x16
16	93.5	76	36	2x21
24	120	76	52	2x21
24	120	76	48	2x29

* 10 B: housing width 43 mm

Hoods side-entry	16	09 30 016 0663	2 x 21		
	24	09 30 024 0663	2 x 21		

Size	a	x	Pg
16	93.5	36	2 x 21
24	120	56	2 x 21

Flange housing	6	09 30 006 0757	1 x 21		

Stock items in bold type

Identification	Part No.	Pg	Drawing	Dimensions in mm
Hoods				
Hoods 2 locking levers				
side-entry	**09 30 024 0525**	36		
top-entry	09 30 024 0425	36		
Hoods 1 locking lever				
side-entry	09 30 024 0546	36		
top-entry	09 30 024 0446	36		
Han® Easy-Hood 24 B side-entry	**11 30 024 0520**			
Han® Easy-Hood 24 B				
Cable seal 23 - 25 mm	**11 30 000 9956**			
Cable seal 26 - 28 mm	**11 30 000 9957**			
Cable seal 29 - 31 mm	**11 30 000 9958**			
Cable seal 32 - 34 mm	**11 30 000 9959**			

Stock items in bold type