Identification For connectors without hoods/housings	Latching part without strain relief	Latching part without strain relief	Latching part with strain relief and panel mounting part	Shell housings
				
Part number	09 33 000 9987	09 33 000 9991	09 33 000 9990	09 33 006 0401 09 33 010 0401 09 33 016 0401 09 33 024 0401

Identification	Insert mounting part, for assembly on DIN rail	Insert mounting part, swinging	Panel mounting part, plastic	Panel mounting part, metal
				
Part number	09 33 000 9980	09 33 000 9801 09 33 000 9803	09 33 000 9985	09 33 000 9984

Hoods and housings overview*



Han® Standard
- Standard hoods/housings
- Field of application: for demanding environments, for example, in the automobile and mechanical engineering industries also for process and regulation control applications
- Distinguishing feature: colour-coded grey (RAL 7037)
- Material of hoods/housings: Die cast light alloy
- Locking levers: Han-Easy Lock®
- IP65



Han® M
- Han® M Hoods/Housings for harsh environmental requirements
- Field of application: for all applications where aggressive environmental conditions and harsh climatic atmospheres are encountered
- Distinguishing feature: colour-coded black (RAL 9005)
- Material of hoods/housings: Die cast light alloy, corrosion resistant
- Locking levers: Stainless steel
- IP65

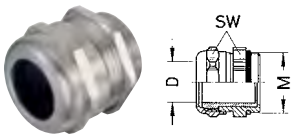
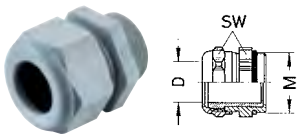
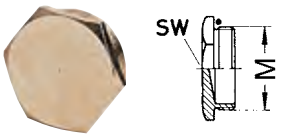


Han® EMC
- Han® EMC hoods and housings for optimal shielding transfer and low transfer impedances
- Field of application: For sensitive interconnections that have to be shielded against electrical, magnetic or electro-magnetic interferences
- Distinguishing feature: Electrically conductive surface, internal seal
- Material of hoods/housings: Die cast light alloy
- Locking levers: Han-Easy Lock®
- IP65



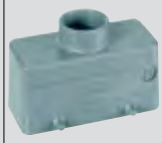
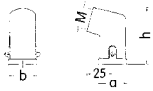
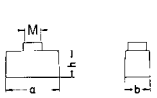
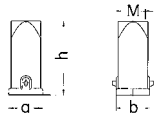
Han® HPR
- Han® HPR Hoods/Housings, pressure tight
- Field of application: For external electrical interconnections in vehicles, in highly demanding environments and wet areas, as well as for sensitive interconnections that have to be shielded
- Distinguishing feature: colour-coded black, internal seal (RAL 9005)
- Material of hoods/housings: Die cast light alloy, corrosion resistant
- Locking element: Stainless steel
- IP68
- IP69K

Cable Glands for metric Threads

Cable glands								Blanking piece		
Metal				Thermoplastic				Metal		
										
Thread M	Clamping range D	Part number	SW	Thread M	Clamping range D	Part number	SW	Thread M	Part number	SW
M20	5 … 9	19 00 000 5080	22	M20	5 … 9	19 00 000 5180	24	M20	19 00 000 5070	22
M20	6 … 12	19 00 000 5082	22	M20	6 … 12	19 00 000 5182	24	M25	19 00 000 5071	28
M20	10 … 14	19 00 000 5084	24	M20	10 … 14	19 00 000 5184	27	M32	19 00 000 5072	35
M25	9 … 16	19 00 000 5090	30	M25	9 … 16	19 00 000 5190	33	M40	19 00 000 5073	44
M25	13 … 18	19 00 000 5092	30	M25	13 … 18	19 00 000 5192	33			
M32	13 … 20	19 00 000 5094	40	M32	13 … 20	19 00 000 5194	42			
M32	18 … 25	19 00 000 5096	40	M32	18 … 25	19 00 000 5196	42			
M40	20 … 26	19 00 000 5097	50	M40	20 … 26	19 00 000 5197	53			
M40	22 … 32	19 00 000 5098	50	M40	22 … 32	19 00 000 5198	53			

* Han® 3 A hoods/housings differ, see main catalogue „Industrial Connectors Han®“

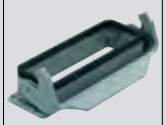
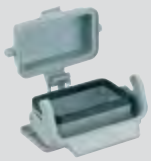
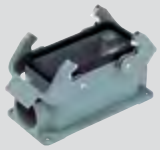
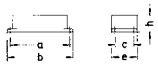
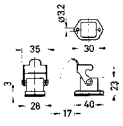
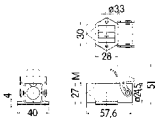
Hoods with Metric Cable Entries

	Hood, side entry				Hood, top entry			
Single locking lever			Han® 3 A 				Han® 3 A 	
Double locking lever								
Drawing Dimensions in mm								

	a	b	h	M	Part number		a	b	h	M	Part number	
					Single locking lever	Double locking lever					Single locking lever	Double locking lever
Han® 3 A	26.5	26.5	54.6	M20	19 20 003 0620*		28	27	60	M20	19 20 003 1440	
	28	27	54.3	M20	19 20 003 1640		28	27	59.8	M25	19 20 003 1445	
Han-Brid®	28	27	54.5	M20	19 20 003 1643		28	27	60	M20	19 20 003 1443	
	26.5	26.5	54.6	M20	19 20 003 0623*		26.5	35.1	60	M20	19 20 003 0423*	
Han® 10 A	62.7	29.5	61.2	M20	19 20 010 1540		62.7	29.5	58.7	M20	19 20 010 1440	
	62.7	36	67.2	M25	19 20 010 0446		62.7	29.5	67.2	M25	19 20 010 0446	
	62.7	36	67.2	M25	19 20 010 0546							
Han® 16 A	79.3	29.5	61.2	M20	19 20 016 1540		79.5	29.5	47	M20	19 20 016 1440	
	79.3	36	70.3	M25	19 20 016 0546		79.3	29.5	70	M25	19 20 016 0446	
Han® 32 A	82	56	60	M25		19 20 032 1521	82	56	78.5	M25		19 20 032 0426
	82	56	79	M32		19 20 032 0527	82	56	78.5	M32		19 20 032 0427
Han® 6 B	60	43	46	M20	19 30 006 1540		60	43	53.5	M20	19 30 006 1440	
	60	43	46	M25	19 30 006 1541		60	43	72	M25	19 30 006 0446	
	60	43	72	M25	19 30 006 0546		60	43	72	M32	19 30 006 0447	
	60	43	72	M32	19 30 006 0547							
Han® 10 B	72.6	43	57	M20	19 30 010 1540	19 30 010 1520	72.6	43	58.5	M25		19 30 010 1421
	72.6	43	57	M25	19 30 010 1541	19 30 010 1521	72.6	43	58.5	M25	19 30 010 1441	
	72.6	43	72	M32	19 30 010 0547	19 30 010 0527	72.6	43	58.5	M20	19 30 010 1440	19 30 010 1420
							72.6	43	72	M32	19 30 010 0447	19 30 010 0427
Han® 16 B	93.5	43	62.5	M25	19 30 016 1541		93.5	43	61	M25	19 30 016 1441	19 30 016 1421
	93.5	43	62.5	M32	19 30 016 1542		93.5	43	61	M32	19 30 016 1442	19 30 016 1422
	93.5	43	76	M32	19 30 016 0547	19 30 016 0527	93.5	43	76	M32	19 30 016 0447	19 30 016 0427
	93.5	43	76	M40	19 30 016 0548	19 30 016 0528	93.5	43	76	M40	19 30 016 0448	19 30 016 0428
	93.5	43	62.5	M25		19 30 016 1521						
	93.5	43	62.5	M32		19 30 016 1522						
Han® 24 B	120	43	62.5	M25	19 30 024 1541		120	43	71	M32	19 30 024 1442	19 30 024 1422
	120	43	62.5	M32	19 30 024 1542		120	43	76	M32	19 30 024 0447	19 30 024 0427
	120	43	76	M32	19 30 024 0547	19 30 024 0527	120	43	76	M40	19 30 024 0448	19 30 024 0428
	120	43	76	M40	19 30 024 0548	19 30 024 0528						
	120	43	62.5	M25		19 30 024 1521						
	120	43	62.5	M32		19 30 024 1522						
Han® 32 B	94	82.5	94	M32		19 30 032 0527	94	82.5	93.5	M32		19 30 032 0427
	94	82.5	94	M40		19 30 032 0528	94	82.5	93.5	M40		19 30 032 0428
Han® 48 B	132	90	97.6	M40	19 30 048 0548		132	90	97.6	M40	19 30 048 0448	

* Hoods/Housings material plastic

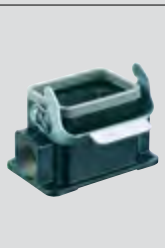
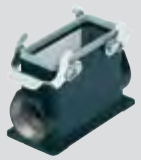
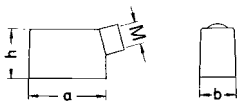
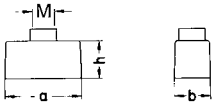
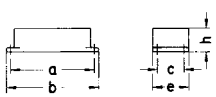
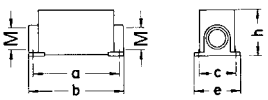
Housings with Metric Cable Entries

	Bulkhead-mounted housing				Surface mounted housings (2 side entries except Han® 3 A)			
Single locking lever			Han® 3 A 	Han® 3 A 			Han® 3 A 	
Double locking lever								
Drawing Dimensions in mm								

	a	b	c	e	h	Part number		a	b	c	e	h	M	Part number	
						Single locking lever	Double locking lever							Single locking lever	Double locking lever
Han® 3 A	30	40		28	23	09 20 003 0320**		30	40		57	26.8	M20	19 20 003 0220**	
	30	40		28	23	09 20 003 0301		30	40		57.6	27.2	M20	19 20 003 1250	
Han® 10 A	70	81	17.5	29.5	26	09 20 010 0301		48	74.4	40	50	52	M20	19 20 010 0290	
Han® 16 A	86	96	17.5	29.5	26	09 20 016 0301		64	95	40	50	57	M20	19 20 016 0290	
Han® 32 A	92	102	42	56.6	28.5		09 20 032 0301	94	106	46	57	81.8	M32		19 20032 0272
Han® 6 B	70	80	32	43.4	28.9	09 30 006 0301		70	82	40	52	51.5	M20	19 30 006 1290	
	70	80	32	43.4	28.9	09 30 006 0302*		70	82	40	52	51.5	M20	19 30 006 1295*	
	70	85	32	48.4	30.4	09 30 006 1301		70	82	45	57	73.8	M25	19 30 006 0291	
								70	82	45	57	73.8	M25	19 30 006 0296*	
								70	82	45	57	73.8	M32	19 30 006 0292	
								70	82	45	57	73.8	M32	19 30 006 0297*	
Han® 10 B	83	93	32	43.4	28.9	09 30 010 0303		82	94	40	52	53.8	M20		19 30 010 1270
	83	93	32	43.4	28.9	09 30 010 0305	09 30 010 0301	82	94	45	57	80.8	M32		19 30 010 0272
	83	98	32	48.4	30.4		09 30 010 1301	82	94	45	57	80.8	M25		19 30 010 0271
								82	94	40	52	53.8	M20	19 30 010 1290	
								82	94	40	52	53.8	M20	19 30 010 1295*	
								82	94	45	57	80.8	M25	19 30 010 0291	
								82	94	45	57	80.8	M25	19 30 010 0296	
								82	94	45	57	80.8	M32	19 30 010 0292	
Han® 16 B	103	113	32	43.4	28.9		09 30 016 0301	105	117	45	57	55.8	M25	19 30 016 1291	19 30 016 1271
	103	113	32	43.4	28.9	09 30 016 0307		105	117	45	57	55.8	M25	19 30 016 1296*	
	103	113	32	43.4	28.9	09 30 016 0306*		105	117	45	57	80.8	M25	19 30 016 0291	
	103	118	32	48.4	30.4		09 30 016 1301	105	117	45	57	80.8	M32	19 30 016 0292	19 30 016 0272
								105	117	45	57	80.8	M32	19 30 016 0297*	
Han® 24 B	130	140	32	43.4	28.9	09 30 024 0307	09 30 024 0301	132	144	45	57	55.8	M25	19 30 024 1291	19 30 024 1271
	130	140	32	43.4	28.9	09 30 024 0304*		132	144	45	57	55.8	M25	19 30 024 1296*	
	130	140	32	43.4	28.9	09 30 024 0302*		132	144	45	57	80.8	M32	19 30 024 0297*	
	130	145	32	48.4	30.4		09 30 024 1301	132	144	45	57	80.8	M32	19 30 024 0292	
Han® 32 B	110	124	65	90	34		09 30 032 0301	112	125	67	87	90	M40		19 30 032 0273*
Han® 48 B	148	165	70	96	39.3	09 30 048 0301*		111	141	106	120	99	M40	19 30 048 0298*	

* With plastic cover
** Hoods/Housings material plastic

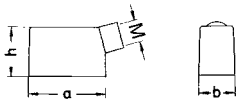
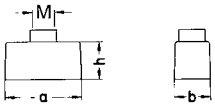
Special Hoods/Housings with Metric Cable Entries

	Hood			Housing	
	Side Entry	Top Entry		Bulkhead-mounted housing	Surface-mounted housing
Single locking lever			Screw locking	Screw locking 	
Double locking lever					
Drawing Dimensions in mm					

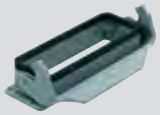
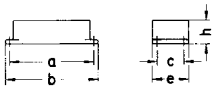
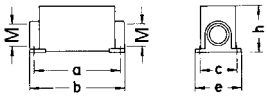
	V*	a	b	h	M	Part number	V*	a	b	h	M	Part number	V*	a	b	c	e	h	Part number	V*	a	b	c	e	h	M	Part number
Han® 3 M	1	28	27	54.4	M20	19 37 003 1640	1	28	27	60	M20	19 37 003 1440	1	28	40		30	25	09 37 003 0301	1	30	40		57.6	29.2	M20	19 37 003 1250
Han® 6 M	1	60	43	46	M20	19 37 006 1540	1	60	43	53.5	M20	19 37 006 1440	1	70	80	32	43.4	29.6	09 37 006 0301	1	70	82	40	52	51.5	M20	19 37 006 1290
Han® 10 M	2	73	43	57	M20	19 37 010 1520	2	72.6	43	58.5	M20	19 37 010 1420	2	83	93	32	43.4	29.6	09 37 010 0301	2	82	94	40	52	53.8	M20	19 37 010 1270
																				2	82	94	45	57	80.8	M32	19 37 010 0272
Han® 16 M	2	93.5	43	62.5	M25	19 37 016 1521	2	93.5	43	76	M32	19 37 016 0427	2	103	113	32	43.4	29.6	09 37 016 0301	2	105	117	45	57	55.8	M25	19 37 016 1231
	2	93.5	43	76	M32	19 37 016 0527														2	105	117	45	57	80.8	M32	19 37 016 0272
Han® 24 M	2	120	43	62.5	M25	19 37 024 1521	2	120	43	76	M32	19 37 024 0427	2	130	140	32	43.4	29.6	09 37 024 0301	2	132	144	45	57	80.8	M32	19 37 024 0272
	2	120	43	76	M32	19 37 024 0527																					
Han® 3 A EMC	1	28	27	54.4	M20	19 62 003 1640	1	28	2	60	M20	19 62 003 1440	1	28	40		30	23	09 62 003 0301	1	40	30		57.6	26.5	M20	19 62 003 1250
Han® 10 A EMC	1	64	30.5	70	M25	19 62 015 0546	1	64	30.5	70	M25	19 62 015 0446	1	70	81	17.5	33	26.1	09 62 015 0301								
Han® 16 A EMC	1	80	30.5	70	M25	19 62 025 0546	1	80	30.5	70	M25	19 62 025 0446	1	86	96	17.5	33	16.1	09 62 025 0301								
Han® 6 B EMC/B	1	60	43	46	M20	19 62 806 1540	1	60	43	53.5	M20	19 62 806 1440	1	70	80	32	43.4	27.3	09 62 806 0301	1	70	82	40	52	51.3	M20	19 62 806 1290
	1	60	43	72	M32	19 62 806 0547	1	60	43	71.6	M25	19 62 806 0446															
Han® 10 B EMC/B	2	72.6	43	57	M20	19 62 810 1520	2	72.6	43	58.5	M20	19 62 810 1420	2	83	93	32	43.4	27.3	09 62 810 0301								
	2	72.6	43	72	M32	19 62 810 0527	2	72.6	43	72	M32	19 62 810 0427															
Han® 16 B EMC/B	2	93.5	43	62.5	M20	19 62 816 1521	2	93.5	43	61	M25	19 62 816 1421	2	103	113	32	43.4	27.3	09 62 816 0301	2	105	117	45	57	82.1	M40	19 62 816 0273
	2	93.5	43	76	M32	19 62 816 0527	2	93.5	43	76	M32	19 62 816 0427															
Han® 24 B EMC/B	2	120	43	62.5	M25	19 62 824 1521	2	120	43	71	M32	19 62 824 1422	2	130	140	32	43.4	27.3	09 62 824 0301	2	132	144	45	57	80.55	M40	19 62 824 0273
	2	120	43	76	M40	19 62 824 0528	2	120	43	76	M32	19 62 824 0427															
Han® 3 HPR							S	45.4	32.4	54.6	M20	19 40 003 0410	S	45.4	30		32.2	24.3	09 40 003 0311	S	41	52.15	41	45.4	41.35	M20	19 40 003 0950
							S	45.5	32.4	59.7	M25	19 40 003 0411								S	41	66.5	41	45.4	41.05	M25	19 40 003 0951
Han® 6 HPR	S	132	58	100.5	M20	19 40 006 0510	S	132	58	100	M20	19 40 006 0410	S	70	132	32	58	28.9	09 40 006 0311	S	127	156	60	80	100	M20	19 40 006 1260
	S	132	58	100.5	M25	19 40 006 0511	S	132	58	100	M25	19 40 006 0411	S	70	132	32	58	28.9	09 40 006 0317	S	127	156	60	80	100	M25	19 40 006 1261
	S	132	58	100.5	M32	19 40 006 0512	S	132	58	100	M32	19 40 006 0412								S	127	156	60	80	100	M32	19 40 006 1262
	S	132	58	100.5	M40	19 40 006 0513	S	132	58	100	M40	19 40 006 0413															
Han®10 HPR	S	145	58	100.5	M25	19 40 010 0511	S	145	58	100.5	M25	19 40 010 0411	S	83	145	32	58	28.9	09 40 010 0311	S	140	169	60	80	100	M20	19 40 010 1260
	S	145	58	100.5	M32	19 40 010 0512	S	145	58	100.5	M32	19 40 010 0412	S	83	145	32	58	28.9	09 40 010 0317	S	140	169	60	80	100	M32	19 40 010 1262
	S	145	58	100.5	M40	19 40 010 0513	S	145	58	100.5	M40	19 40 010 0413								S	140	169	60	80	100	M40	19 40 010 1263
Han® 16 HPR	S	165	58	110.5	M25	19 40 016 0511	S	165	58	110.5	M25	19 40 016 0411	S	103	165	32	58	28.9	09 40 016 0311	S	160	189	60	80	111	M25	19 40 016 1261
	S	165	58	110.5	M32	19 40 016 0512	S	165	58	110.5	M32	19 40 016 0412	S	103	165	32	58	28.9	09 40 016 0317	S	160	189	60	80	111	M32	19 40 016 1262
	S	165	58	110.5	M40	19 40 016 0513	S	165	58	110.5	M40	19 40 016 0413								S	160	189	60	80	111	M40	19 40 016 1263
	S	165	58	110.5	M50	19 40 016 0514	S	165	58	110.5	M50	19 40 016 0414								S	160	189	60	80	111	M40	19 40 016 1273
Han® 24 HPR	S	192	58	110.5	M32	19 40 024 0512	S	192	58	110	M32	19 40 024 0412	S	130	192	32	58	28.9	09 40 024 0311	S	187	216	60	80	110.9	M40	19 40 024 1263
	S	192	58	110.5	M40	19 40 024 0513	S	192	58	110	M40	19 40 024 0413	S	130	192	32	58	28.9	09 40 024 0317	S	187	216	60	80	110.9	M40	19 40 024 1273
	S	192	58	110.5	M50	19 40 024 0514	S	192	58	110	M50	19 40 024 0414															

* Locking: 1 = single lever, 2 = double locking levers, S = screw locking

Hoods Han® HMC with Metric Cable Entries

	Hood, side entry					Hood, top entry				
Single locking lever										
Drawing Dimensions in mm										
	a	b	h	M	Part number Single locking lever	a	b	h	M	Part number Single locking lever
Han® 6 B	60	43	46	M20	19 30 206 1540	60	43	53.5	M20	19 30 206 1440
	60	43	46	M25	19 30 206 1541	60	43	72	M25	19 30 206 0446
	60	43	72	M25	19 30 206 0546	60	43	72	M32	19 30 206 0447
	60	43	72	M32	19 30 206 0547					
Han® 10 B	72.6	43	57	M20	19 30 210 1540	72.6	43	58.5	M25	19 30 210 1441
	72.6	43	57	M25	19 30 210 1541	72.6	43	58.5	M20	19 30 210 1440
	72.6	43	72	M32	19 30 210 0547	72.6	43	72	M32	19 30 210 0447
Han® 16 B	93.5	43	62.5	M25	19 30 216 1541	93.5	43	61	M25	19 30 216 1441
	93.5	43	62.5	M32	19 30 216 1542	93.5	43	61	M32	19 30 216 1442
	93.5	43	76	M32	19 30 216 0547	93.5	43	76	M32	19 30 216 0447
	93.5	43	76	M40	19 30 216 0548	93.5	43	76	M40	19 30 216 0448
Han® 24 B	120	43	62.5	M25	19 30 224 1541	120	43	71	M32	19 30 224 1442
	120	43	62.5	M32	19 30 224 1542	120	43	76	M32	19 30 224 0447
	120	43	76	M32	19 30 224 0547	120	43	76	M40	19 30 224 0448
	120	43	76	M40	19 30 224 0548					

Housings Han® HMC with Metric Cable Entries

	Bulkhead-mounted housing						Surface mounted housings (2 side entries except Han® 3 A)						
Single locking lever													
Drawing Dimensions in mm													
	a	b	c	e	h	Part number Single locking lever	a	b	c	e	h	M	Part number Single locking lever
Han® 6 B	70	80	32	43.4	28.9	09 30 206 0301	70	82	45	57	73.8	M25	19 30 206 0291
							70	82	45	57	73.8	M32	19 30 206 0292
Han® 10 B	83	93	32	43.4	28.9	09 30 210 0305	82	94	40	52	53.8	M20	19 30 210 1290
							82	94	45	57	80.8	M25	19 30 210 0291
							82	94	45	57	80.8	M32	19 30 210 0292
Han® 16 B	103	113	32	43.4	28.9	09 30 216 0307	105	117	45	57	55.8	M25	19 30 216 1291
							105	117	45	57	80.8	M25	19 30 216 0291
							105	117	45	57	80.8	M32	19 30 216 0292
Han® 24 B	130	140	32	43.4	28.9	09 30 224 0307	132	144	45	57	55.8	M25	19 30 224 1291
							132	144	45	57	80.8	M32	19 30 224 0292

5 A – D-Sub

Cross-section / Wire gauge (mm²)	(AWG)			male (gold plated)	female (gold plated)	male (HMC gold plated)	female (HMC gold plated)
							
0.09 - 0.25	28 - 24			09 67 000 7576	09 67 000 7476	09 67 000 7570	09 67 000 7470
0.13 - 0.33	26 - 22			09 67 000 5576	09 67 000 5476	09 67 000 5570	09 67 000 5470
0.25 - 0.52	24 - 20			09 67 000 8576	09 67 000 8476	09 67 000 8570	09 67 000 8470

10 A - Han D®

Cross-section / Wire gauge (mm²)	(AWG)	male (silver plated)	female (silver plated)	male (gold plated)	female (gold plated)	male (HMC gold plated)	female (HMC gold plated)
							
0.14 - 0.37	26 - 22	09 15 000 6104	09 15 000 6204	09 15 000 6124	09 15 000 6224	09 15 200 6124	09 15 200 6224
0.5	20	09 15 000 6103	09 15 000 6203	09 15 000 6123	09 15 000 6223	09 15 200 6123	09 15 200 6223
0.75	18	09 15 000 6105	09 15 000 6205	09 15 000 6125	09 15 000 6225	09 15 200 6125	09 15 200 6225
1	18	09 15 000 6102	09 15 000 6202	09 15 000 6122	09 15 000 6222	09 15 200 6122	09 15 200 6222
1.5	16	09 15 000 6101	09 15 000 6201	09 15 000 6121	09 15 000 6221	09 15 200 6121	09 15 200 6221
2.5	14	09 15 000 6106	09 15 000 6206	09 15 000 6126	09 15 000 6226	09 15 200 6126	09 15 200 6226

16 A - Han E®

Cross-section / Wire gauge (mm²)	(AWG)	male (silver plated)	female (silver plated)	male (gold plated)	female (gold plated)	male (HMC gold plated)	female (HMC gold plated)
							
0.14 - 0.37	26 - 22	09 33 000 6127	09 33 000 6227	09 33 000 6117	09 33 000 6217	09 33 200 6117	09 33 200 6217
0.5	20	09 33 000 6121	09 33 000 6220	09 33 000 6122	09 33 000 6222	09 33 200 6122	09 33 200 6222
0.75	18	09 33 000 6114	09 33 000 6214	09 33 000 6115	09 33 000 6215	09 33 200 6115	09 33 200 6215
1	18	09 33 000 6105	09 33 000 6205	09 33 000 6118	09 33 000 6218	09 33 200 6118	09 33 200 6218
1.5	16	09 33 000 6104	09 33 000 6204	09 33 000 6116	09 33 000 6216	09 33 200 6116	09 33 200 6216
2.5	14	09 33 000 6102	09 33 000 6202	09 33 000 6123	09 33 000 6223	09 33 200 6123	09 33 200 6223
3	12	09 33 000 6106	09 33 000 6206				
4	12	09 33 000 6107	09 33 000 6207	09 33 000 6119	09 33 000 6221	09 33 200 6119	09 33 200 6221

40 A - Han® C

Cross-section / Wire gauge (mm²)	(AWG)	male (silver plated)	female (silver plated)			male (HMC gold plated)	female (HMC gold plated)
							
1.5	16	09 32 000 6104	09 32 000 6204			09 32 200 6114	09 32 200 6224
2.5	14	09 32 000 6105	09 32 000 6205			09 32 200 6115	09 32 200 6225
4	12	09 32 000 6107	09 32 000 6207			09 32 200 6117	09 32 200 6227
6	10	09 32 000 6108	09 32 000 6208			09 32 200 6118	09 32 200 6228
10	8	09 32 000 6109	09 32 000 6209			09 32 200 6119	09 32 200 6229

Crimping tools

Crimping tools acc. to IEC 60352-2	09 99 000 0501	09 99 000 0021	09 99 000 0110	09 99 000 0303	09 99 000 0377	09 99 000 0888
						
Contacts cross-section [mm²]	D-Sub 0.09 … 0.52	Han D® 0.14 … 1.5	Han D® 0.14 … 1.5	Han® C 4.0 … 10.0	Han® C 6.0 … 10.0	Han D® 0.14 … 2.5
		Han E® 0.5 … 2.5	Han E® 0.5 … 4.0			Han E® 0.14 … 4.0
			Han® C 1.5 … 4.0			Han® C 1.5 … 4.0

Han® HC	Cross-section / Wire gauge (mm²)	(AWG)	male (silver plated)	female (silver plated)	Crimp dies acc. to DIN 46235	Battery hydraulic crimping tool (10 - 70 mm²)	Hydraulic handtool (10 - 70 mm²)
						09 99 000 0850	09 99 000 0851
70 A	10		09 11 000 6131	09 11 000 6231	09 99 000 0852		
	16		09 11 000 6132	09 11 000 6232	09 99 000 0853		
	25		09 11 000 6133	09 11 000 6233	09 99 000 0854		
100 A	10		09 11 000 6114	09 11 000 6214	09 99 000 0852		
	16		09 11 000 6116	09 11 000 6216	09 99 000 0853		
	25		09 11 000 6125	09 11 000 6225	09 99 000 0854		
	35		09 11 000 6135	09 11 000 6235	09 99 000 0855		
200 A	25		09 11 000 6120	09 11 000 6220	09 99 000 0854		
	35		09 11 000 6121	09 11 000 6221	09 99 000 0855		
	50		09 11 000 6122	09 11 000 6222	09 99 000 0856		
	70		09 11 000 6123	09 11 000 6223	09 99 000 0857		

Insertion / removal tools for crimp contacts	Identification	mm²	Part number	Depiction
	Insertion tool for crimp contacts small cross-section, variable length of blade Han D®, Han E®, Han-*Yellock*® When using cross-sections below 0.75 mm² an insertion tool for inserting the contact into the insert is recommended.		09 99 000 0847	
	Han D®, Removal tool for crimp contacts		09 99 000 0012	
	Han® C, Removal tool for crimp contacts	1.5 – 6 10	09 99 000 0305 09 99 000 0381	
	Han E®, Removal tool for crimp contacts		09 99 00 0319	
	D-Sub, Insertion / removal tool for crimp contacts		09 99 000 0368	
	Stripping tool self-adjusting	0.03 – 10	09 99 000 0808	