

Business Unit: Electric
Product range: Han / Han; Gehäuse; Han HPR
Author: Denny Hellige
Title: Han HPR Compact - PI

PI/21/092/C+N

Date: 2021-12-16



Dear Ladies and Gentlemen,

We are pleased to inform you about our new Han® HPR family member. The Han® HPR Compact is our new series which combines the well-known Han® HPR standard with much smaller outer dimensions.

The Han® HPR Compact series will start with a full provision of hoods, housings, extender, mounting frames and caps and this from size 6B to size 24B.

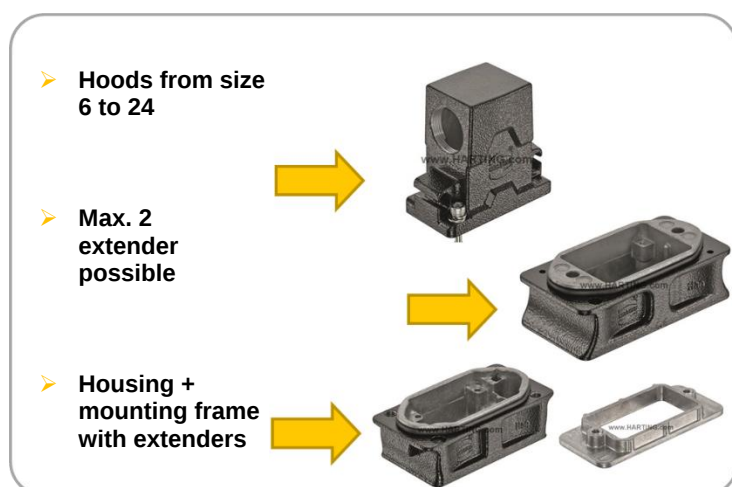
The Han® HPR Compact is one of the most important products of our HPR portfolio, because it stands for our step in the future. The Han® HPR Compact is patent protected with several patent pending registrations.

The idea is a clear differentiation to all other competitors.

Overview HPR product portfolio

Sizes	Standard	Enlarged	EasyCon	EasyCon Short	Compact
3	✓				
6	✓				✓*
10	✓				✓*
16	✓	✓	✓		✓*
24	✓	✓	✓	✓	✓*
34			✓		
48	✓				

The Han® HPR Compact is different against all of our other family members.



Additional to the hood – housing application, this interface is able to grow in height depending on customer requirements.

This can be realized by using the extender frames. Every extender frame increase the height of the hood around 3cm.

As a reference, you can say:

Only the hood has the height of a Han® M
 1 extender brings the height of a Han® HPR Enlarged
 2 extenders brings the height of a Han® HPR EasyCon



Extender Frame



If the customer want`s to use extender frames, they needs to use the mounting frame too, which we advise for all combinations.

The extender frames need additionally extender screw sets, which needs to be order too.

The whole size B insert portfolio can be covered with this series, from standard inserts up to Han® HC Modular.

The only limitation is the Han® HC 650 Modular portfolio, which can´t be used with this new family.



Product strategy and price level

The Han® HPR Compact is our solution, to prepare us against several copies of HPR Standard interfaces, in the market.

It will be our new key product, for close to all existing customer requests.

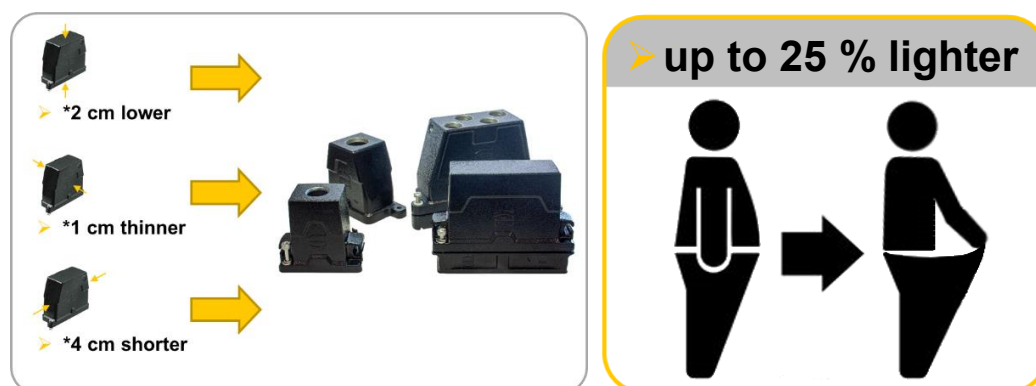
The product price is between HPR standard and HPR enlarged, which offer our customers the option to get a product with several new advantages, to an attractive price level.

Competition

The Han® HPR Compact gives us an unique position at the market. No other competitor has a comparable solution available. A clear USP for us.

Product features

Space and weight reduction



Coding

The coding is directly integrated in the connector interface.

That saves space for the inserts and brings more flexibility for the customers.

2 x 4 coding options bring 16 possible coding positions.



Locking solutions

At the beginning we have 2 options available.
Standard with screw locking and additionally the central lever locking.



As a third lever option the hood and housing design is already prepared to be equipped with special double levers (see picture below).

The double lever option will follow in future. The exact timing will depend on the market demand.



Performance:

IP protection	IP66, IP67, IP68, IP69k
Shock and vibration	Category 2. (EN 61373)
EN 45545	E30+

Availability

The series is already available from our stock in Zhuhai, China (CN11).

In parallel we work on building up stock in our Distribution Center EDC in Espelkamp, Germany (DE41).

Link to e-catalogue:

[Han® HPR Compact | HARTING Technology Group](#)

Product naming and the code behind

SCL	Screw Locking
CL	Central Lever
CM	Cover Metal
HC + number of cable entries	High Construction
HTE + number of cable entries	Hood Top Entry
HSE + number of cable entries	Hood Side Entry
LC + number of cable entries	Low Construction
HSM + number of cable entries	Housing Surface Mounting
HA	Hood Angled
HPR	High Pressure Railway

Part Numbers

No.	Group	Finished good P/N	Finished good description new
1	Han 6HPR Compact Housing	09405060311	Han 6HPR-Compact-HBM-for SCL
2		09405060381	Han 6HPR-Compact-HBM-CL
3	Han 10HPR Compact Housing	09405100311	Han 10HPR-Compact-HBM-for SCL
4		09405100381	Han 10HPR-Compact-HBM-CL
5	Han 16HPR Compact Housing	09405160311	Han 16HPR-Compact-HBM-for SCL
6	Han 16HPR Compact Housing(with rectangular gasket and M6 bush)	09405160312	Han 16HPR-Compact-HBM-for SCL
7	Han 16HPR Compact Housing	09405160381	Han 16HPR-Compact-HBM-CL
8	Han 24HPR Compact Housing	09405240311	Han 24HPR-Compact-HBM-for SCL
9	Han 24HPR Compact Housing(with rectangular gasket and M6 bush)	09405240312	Han 24HPR-Compact-HBM-for SCL
10	Han 24HPR Compact Housing	09405240381	Han 24HPR-Compact-HBM-CL
11	Han 6HPR Compact Housing Protection cover	09405065411	Han 6HPR-Compact-CM-for SCL
12	Han 10HPR Compact Housing Protection cover	09405105411	Han 10HPR-Compact-CM-for SCL
13	Han 16HPR Compact Housing Protection cover	09405165411	Han 16HPR-Compact-CM-for SCL
14	Han 24HPR Compact Housing Protection cover	09405245411	Han 24HPR-Compact-CM-for SCL
15	Han 6HPR Compact Hood_Large	19405060413	Han 6HPR-Compact-HTE-HC-SCL-M40
16		19405060412	Han 6HPR-Compact-HTE-HC-SCL-M32
17		19405060411	Han 6HPR-Compact-HTE-HC-SCL-M25
18		19405060513	Han 6HPR-Compact-HSE-HC-SCL-M40
19		19405060512	Han 6HPR-Compact-HSE-HC-SCL-M32
20		19405060511	Han 6HPR-Compact-HSE-HC-SCL-M25
21	Han 6HPR Compact Hood_Large_central lever	19405060483	Han 6HPR-Compact-HTE-HC-for CL-M40
22		19405060482	Han 6HPR-Compact-HTE-HC-for CL-M32
23		19405060481	Han 6HPR-Compact-HTE-HC-for CL-M25
24		19405060583	Han 6HPR-Compact-HSE-HC-for CL-M40
25		19405060582	Han 6HPR-Compact-HSE-HC-for CL-M32
26		19405060581	Han 6HPR-Compact-HSE-HC-for CL-M25
27	Han 10HPR Compact Hood_Large	19405100413	Han 10HPR-Compact-HTE-HC-SCL-M40
28		19405100412	Han 10HPR-Compact-HTE-HC-SCL-M32
29		19405100411	Han 10HPR-Compact-HTE-HC-SCL-M25
30		19405100513	Han 10HPR-Compact-HSE-HC-SCL-M40
31		19405100512	Han 10HPR-Compact-HSE-HC-SCL-M32
32		19405100511	Han 10HPR-Compact-HSE-HC-SCL-M25
33	Han 10HPR Compact Hood_Large_central lever	19405100483	Han 10HPR-Compact-HTE-HC-for CL-M40
34		19405100482	Han 10HPR-Compact-HTE-HC-for CL-M32
35		19405100481	Han 10HPR-Compact-HTE-HC-for CL-M25
36		19405100583	Han 10HPR-Compact-HSE-HC-for CL-M40
37		19405100582	Han 10HPR-Compact-HSE-HC-for CL-M32
38		19405100581	Han 10HPR-Compact-HSE-HC-for CL-M25
39	Han 16HPR Compact Hood_Large	19405160413	Han 16HPR-Compact-HTE-HC-SCL-M40
40		19405160412	Han 16HPR-Compact-HTE-HC-SCL-M32
41		19405160411	Han 16HPR-Compact-HTE-HC-SCL-M25
42		19405160422	Han 16HPR-Compact-HTE2-HC-SCL-M32

No.	Group	Finished good P/N	Finished good description new
43		19405160421	Han 16HPR-Compact-HTE2-HC-SCL-M25
44		19405160513	Han 16HPR-Compact-HSE-HC-SCL-M40
45		19405160512	Han 16HPR-Compact-HSE-HC-SCL-M32
46		19405160511	Han 16HPR-Compact-HSE-HC-SCL-M25
47		19405160523	Han 16HPR-Compact-HSE2-HC-SCL-M40
48		19405160522	Han 16HPR-Compact-HSE2-HC-SCL-M32
49		19405160521	Han 16HPR-Compact-HSE2-HC-SCL-M25
50	Han 16HPR Compact Hood_Large_central lever	19405160483	Han 16HPR-Compact-HTE-HC-for CL-M40
51		19405160482	Han 16HPR-Compact-HTE-HC-for CL-M32
52		19405160481	Han 16HPR-Compact-HTE-HC-for CL-M25
53		19405160485	Han 16HPR-Compact-HTE2-HC-for CL-M32
54		19405160486	Han 16HPR-Compact-HTE2-HC-for CL-M25
55		19405160583	Han 16HPR-Compact-HSE-HC-for CL-M40
56		19405160582	Han 16HPR-Compact-HSE-HC-for CL-M32
57		19405160581	Han 16HPR-Compact-HSE-HC-for CL-M25
58	Han 24HPR Compact Hood_Large	19405240413	Han 24HPR-Compact-HTE-HC-SCL-M40
59		19405240412	Han 24HPR-Compact-HTE-HC-SCL-M32
60		19405240411	Han 24HPR-Compact-HTE-HC-SCL-M25
61		19405240423	Han 24HPR-Compact-HTE2-HC-SCL-M40
62		19405240422	Han 24HPR-Compact-HTE2-HC-SCL-M32
63		19405240432	Han 24HPR-Compact-HTE3-HC-SCL-M32
64		19405240431	Han 24HPR-Compact-HTE3-HC-SCL-M25
65		19405240513	Han 24HPR-Compact-HSE-HC-SCL-M40
66		19405240512	Han 24HPR-Compact-HSE-HC-SCL-M32
67		19405240511	Han 24HPR-Compact-HSE-HC-SCL-M25
68		19405240523	Han 24HPR-Compact-HSE2-HC-SCL-M40
69		19405240522	Han 24HPR-Compact-HSE2-HC-SCL-M32
70		19405240521	Han 24HPR-Compact-HSE2-HC-SCL-M25
71		19405240440	Han 24HPR-Compact-HTE4-HC-SCL-M20
72		19405240441	Han 24HPR-Compact-HTE4-HC-SCL-M25
73		19405240427	Han 24HPR-Compact-HTE2-HC-SCL-M32-2PE
74		19405240436	Han 24HPR-Compact-HTE3-HC-SCL-M25-2PE
75	Han 24HPR Compact Hood_Large_central lever	19405240483	Han 24HPR-Compact-HTE-HC-for CL-M40
76		19405240482	Han 24HPR-Compact-HTE-HC-for CL-M32
77		19405240481	Han 24HPR-Compact-HTE-HC-for CL-M25
78		19405240484	Han 24HPR-Compact-HTE2-HC-for CL-M40
79		19405240485	Han 24HPR-Compact-HTE2-HC-for CL-M32
80		19405240487	Han 24HPR-Compact-HTE3-HC-for CL-M32
81		19405240488	Han 24HPR-Compact-HTE3-HC-for CL-M25
82		19405240583	Han 24HPR-Compact-HSE-HC-for CL-M40
83		19405240582	Han 24HPR-Compact-HSE-HC-for CL-M32
84		19405240581	Han 24HPR-Compact-HSE-HC-for CL-M25
85	Han 10HPR Compact hood small	19405101413	Han 10HPR-Compact-HTE-LC-SCL-M40
86		19405101412	Han 10HPR-Compact-HTE-LC-SCL-M32
87		19405101411	Han 10HPR-Compact-HTE-LC-SCL-M25
88		19405101513	Han 10HPR-Compact-HSE-LC-SCL-M40
89		19405101512	Han 10HPR-Compact-HSE-LC-SCL-M32

No.	Group	Finished good P/N	Finished good description new
90		19405101511	Han 10HPR-Compact-HSE-LC-SCL-M25
91		19405101613	Han 10HPR-Compact-HA-LC-SCL-M40
92		19405101612	Han 10HPR-Compact-HA-LC-SCL-M32
93		19405101611	Han 10HPR-Compact-HA-LC-SCL-M25
94	Han 10HPR Compact hood small_central lever	19405101483	Han 10HPR-Compact-HTE-LC-for CL-M40
95		19405101482	Han 10HPR-Compact-HTE-LC-for CL-M32
96		19405101481	Han 10HPR-Compact-HTE-LC-for CL-M25
97		19405101583	Han 10HPR-Compact-HSE-LC-for CL-M40
98		19405101582	Han 10HPR-Compact-HSE-LC-for CL-M32
99		19405101581	Han 10HPR-Compact-HSE-LC-for CL-M25
100		19405101683	Han 10HPR-Compact-HA-LC-for CL-M40
101		19405101682	Han 10HPR-Compact-HA-LC-for CL-M32
102		19405101681	Han 10HPR-Compact-HA-LC-for CL-M25
103	Han 16HPR Compact hood small	19405161413	Han 16HPR-Compact-HTE-LC-SCL-M40
104		19405161412	Han 16HPR-Compact-HTE-LC-SCL-M32
105		19405161411	Han 16HPR-Compact-HTE-LC-SCL-M25
106		19405161513	Han 16HPR-Compact-HSE-LC-SCL-M40
107		19405161512	Han 16HPR-Compact-HSE-LC-SCL-M32
108		19405161511	Han 16HPR-Compact-HSE-LC-SCL-M25
109		19405161613	Han 16HPR-Compact-HA-LC-SCL-M40
110		19405161612	Han 16HPR-Compact-HA-LC-SCL-M32
111		19405161611	Han 16HPR-Compact-HA-LC-SCL-M25
112	Han 16HPR Compact hood small_central lever	19405161483	Han 16HPR-Compact-HTE-LC-for CL-M40
113		19405161482	Han 16HPR-Compact-HTE-LC-for CL-M32
114		19405161481	Han 16HPR-Compact-HTE-LC-for CL-M25
115		19405161583	Han 16HPR-Compact-HSE-LC-for CL-M40
116		19405161582	Han 16HPR-Compact-HSE-LC-for CL-M32
117		19405161581	Han 16HPR-Compact-HSE-LC-for CL-M25
118		19405161683	Han 16HPR-Compact-HA-LC-for CL-M40
119		19405161682	Han 16HPR-Compact-HA-LC-for CL-M32
120		19405161681	Han 16HPR-Compact-HA-LC-for CL-M25
121	Han 24HPR Compact hood small	19405241413	Han 24HPR-Compact-HTE-LC-SCL-M40
122		19405241412	Han 24HPR-Compact-HTE-LC-SCL-M32
123		19405241411	Han 24HPR-Compact-HTE-LC-SCL-M25
124		19405241422	Han 24HPR-Compact-HTE2-LC-SCL-M32
125		19405241421	Han 24HPR-Compact-HTE2-LC-SCL-M25
126		19405241513	Han 24HPR-Compact-HSE-LC-SCL-M40
127		19405241512	Han 24HPR-Compact-HSE-LC-SCL-M32
128		19405241511	Han 24HPR-Compact-HSE-LC-SCL-M25
129		19405241613	Han 24HPR-Compact-HA-LC-SCL-M40
130		19405241612	Han 24HPR-Compact-HA-LC-SCL-M32
131		19405241611	Han 24HPR-Compact-HA-LC-SCL-M25
132	Han 24HPR Compact hood small_central lever	19405241483	Han 24HPR-Compact-HTE-LC-for CL-M40
133		19405241482	Han 24HPR-Compact-HTE-LC-for CL-M32
134		19405241481	Han 24HPR-Compact-HTE-LC-for CL-M25
135		19405241485	Han 24HPR-Compact-HTE2-LC-for CL-M32
136		19405241486	Han 24HPR-Compact-HTE2-LC-for CL-M25

No.	Group	Finished good P/N	Finished good description new
137		19405241583	Han 24HPR-Compact-HSE-LC-for CL-M40
138		19405241582	Han 24HPR-Compact-HSE-LC-for CL-M32
139		19405241581	Han 24HPR-Compact-HSE-LC-for CL-M25
140		19405241683	Han 24HPR-Compact-HA-LC-for CL-M40
141		19405241682	Han 24HPR-Compact-HA-LC-for CL-M32
142		19405241681	Han 24HPR-Compact-HA-LC-for CL-M25
143	Han 6HPR Compact extender	09405069910	Han 6HPR-Compact-extender-for SCL
144		09405069980	Han 6HPR-Compact-extender-for CL
145	Han 10HPR Compact extender	09405109910	Han 10HPR-Compact-extender-for SCL
146		09405109980	Han 10HPR-Compact-extender-for CL
147	Han 16HPR Compact extender	09405169910	Han 16HPR-Compact-extender-for SCL
148		09405169980	Han 16HPR-Compact-extender-for CL
149	Han 24HPR Compact extender	09405249910	Han 24HPR-Compact-extender-for SCL
150		09405249980	Han 24HPR-Compact-extender-for CL
151	Han 6HPR Compact mounting frame	09405069901	Han 6HPR-Compact mounting frame
152	10HPR mounting frame	09405109901	Han 10HPR-Compact mounting frame
153	16HPR mounting frame	09405169901	Han 16HPR-Compact mounting frame
154	24HPR mounting frame	09405249901	Han 24HPR-Compact mounting frame
155	Han 10HPR Compact-asg	19405101263	Han 10HPR-Compact-HSM-for SCL-M40
156		19405101273	Han 10HPR-Compact-HSM2-for SCL-M40
157		19405101262	Han 10HPR-Compact-HSM-for SCL-M32
158		19405101272	Han 10HPR-Compact-HSM2-for SCL-M32
159		19405101261	Han 10HPR-Compact-HSM-for SCL-M25
160		19405101271	Han 10HPR-Compact-HSM2-for SCL-M25
161		19405101260	Han 10HPR-Compact-HSM-for SCL-M20
162		19405101270	Han 10HPR-Compact-HSM2-for SCL-M20
163	Modular frame	09405249953	Han 3HC Modular 350 frame for HPR-Compact
164		-	-
165		09405249951	Han 1HC Modular 350 frame for HPR-Compact
166		09405249944	Han 4HC 250 M. frame for HPR-Compact
167		09405249945	Han 4HC 250 F. frame for HPR-Compact
168		09405249943	Han 3HC250 Frame for HPR Compact
169	Coding	09120009922	Coding
170	Guiding pin	09405009901	Han HPR-Compact guiding pin
171	Screws	09405009902	Han HPR-Compact SCL set one extender
172		09405009903	Han HPR-Compact SCL set two extender

Marketing:
Customer presentation



Han HPR Compact
English.pdf

Target Markets / Applications

- Energy
 - Converter systems
 - Windfarm interfaces, inside and outside
- Transportation
 - Cover all requests, without HC 650 applications
- Machinery & Robotics
 - Applications which are related to higher IP specs

Best regards,

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