

RockStar® IP68 housings

Waterproof housings for heavy duty connectors

The new IP68 housings have been designed for use in extreme environmental conditions. The housing features, including IP68 / IP69K protection degrees, high shock and vibration resistance, ensure trouble free operations when heavy duty connectors are used, especially for railway engineering, (renewable) energy applications and all other in extreme environmental conditions. Heavy duty connectors with these housings are also the perfect choice for protecting sensitive interfaces against electromagnetic interference.



Big
Special XXL plug hood version available for more wiring space.



Robust
An extended temperature range from -50 °C to 120 °C is realised by the use of a high quality silicone gasket.



High shock resistance
The optimised construction of the housing ensures a high level of shock resistance.



Permanent identification
The laser inscription ensures that permanent identification is possible.



Locking
Convenient screw-type locking system with internal and external hexagon drive.

RockStar® IP68 housings

Heavy duty connector housings for demanding applications

Technical Data

Base material	Die cast aluminium
Surface	
Top coat	Powder coating
Colour	Black, similar to RAL 9005
Locking element	
Screw locking	Size 1: M4 Size 3 to 8: M6
Material	Stainless steel, corrosion-proof
Drive	Size 1: Inner hex AF 3, outer hex AF 7 Size 3 to 8: Inner hex AF 5, outer hex AF 10
Housing seal	
Material	Silicone, foamed
Colour	red
Temperature limits	-50 °C ... 125 °C
Protection degree according to IEC 60529	IP 68
Protection degree according to DIN 40050 section 9	IP 69K
Note	

RockStar® IP68 housings

Size 1

Housings

Bulkhead housing



Version		Length	Width	Height	Cable entry	Direction of cable entry	Order No.
	HDC IP68 04A AS	50 mm	36 mm	24.4 mm	None		1081470000
Angled	HDC IP68 04A AWS 1M20	51 mm	67 mm	43.7 mm	1 x M20	Horizontal	1081480000
Angled	HDC IP68 04A AWS	51 mm	67 mm	43.7 mm	None		1081490000
	HDC IP68 04A ADS 1PG13	50 mm	45.5 mm	38.6 mm	1 x PG13.5	Horizontal	1083120000
	HDC IP68 04A ADS	50 mm	45.5 mm	38.6 mm	None		1083130000

Plug housing



Version	Type	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
	HDC IP68 04A TOS 1M20	50 mm	36 mm	60 mm	1 x M20	Vertical	1082390000
	HDC IP68 04A TOS 1PG13	50 mm	36 mm	60 mm	1 x PG13.5	Vertical	1082410000

Cover



Version	Type	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
	HDC IP68 04A Cover	50 mm	37 mm	18.7 mm	None		1083110000

RockStar® IP68 housings
Size 3

Housings

Bulkhead housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 06B AS	132 mm	80 mm	29.5 mm	None		1081510000

Plug housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 06B TOS 1M20	132 mm	58 mm	100.5 mm	1 x M20	Vertical	1082420000
HDC IP68 06B TOS 1M25	132 mm	58 mm	100.5 mm	1 x M25	Vertical	1082430000
HDC IP68 06B TOS 1M32	132 mm	58 mm	100.5 mm	1 x M32	Vertical	1082440000
HDC IP68 06B TOS 1M40	132 mm	58 mm	100.5 mm	1 X M40	Vertical	1082450000
HDC IP68 06B TOS 1PG16	132 mm	58 mm	100.5 mm	1 x PG16	Vertical	1082460000
HDC IP68 06B TOS 1PG21	132 mm	58 mm	100.5 mm	1 x PG21	Vertical	1082470000
HDC IP68 06B TOS 1PG29	132 mm	58 mm	100.5 mm	1 x PG29	Vertical	1082480000
HDC IP68 06B TSS 1M20	132 mm	58 mm	100.5 mm	1 x M20	Horizontal	1082510000
HDC IP68 06B TSS 1M25	132 mm	58 mm	100.5 mm	1 x M25	Horizontal	1082530000
HDC IP68 06B TSS 1M32	132 mm	58 mm	100.5 mm	1 x M32	Horizontal	1082550000
HDC IP68 06B TSS 1PG16	132 mm	58 mm	100.5 mm	1 x PG16	Horizontal	1082560000
HDC IP68 06B TSS 1PG21	132 mm	58 mm	100.5 mm	1 x PG21	Horizontal	1082570000

Base housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 06B SS 1M20	156 mm	80 mm	100.5 mm	1 x M20	Horizontal	1081180000
HDC IP68 06B SS 1M25	156 mm	80 mm	100.5 mm	1 x M25	Horizontal	1081190000
HDC IP68 06B SS 1M32	156 mm	80 mm	100.5 mm	1 x M32	Horizontal	1081210000
HDC IP68 06B SS 2M32	156 mm	80 mm	100.5 mm	2 x M32	Horizontal	1081220000
HDC IP68 06B SS 1PG29	156 mm	80 mm	100.5 mm	1 x PG29	Horizontal	1081230000
HDC IP68 06B SS 2M25	156 mm	80 mm	100.5 mm	2 x M25	Horizontal	1081240000
HDC IP68 06B SS 2M20	156 mm	80 mm	100.5 mm	2 x M20	Horizontal	1081250000
HDC IP68 06B SS 2PG29	156 mm	80 mm	100.5 mm	2 x PG29	Horizontal	1081260000

Counter frame



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 06B FRAME	96 mm	58 mm	13 mm	None		1081550000
HDC IP68 06B FRAME M6	96 mm	58 mm	13 mm	None		1110890000

Cover



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 06B COVER	132 mm	58 mm	31 mm	None		1083060000

B

RockStar® IP68 housings
Size 4

Housings

Bulkhead housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 10B AS	144 mm	80 mm	29.5 mm	None		1081520000

Plug housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 10B TOS 1M20	144 mm	58 mm	100.5 mm	1 x M20	Vertical	1082580000
HDC IP68 10B TOS 1M25	144 mm	58 mm	100.5 mm	1 x M25	Vertical	1082590000
HDC IP68 10B TOS 1M32	144 mm	58 mm	100.5 mm	1 x M32	Vertical	1082610000
HDC IP68 10B TOS 1PG16	144 mm	58 mm	100.5 mm	1 x PG16	Vertical	1082620000
HDC IP68 10B TOS 1PG21	144 mm	58 mm	100.5 mm	1 x PG21	Vertical	1082630000
HDC IP68 10B TOS 1PG29	144 mm	58 mm	100.5 mm	1 x PG29	Vertical	1082640000
HDC IP68 10B TSS 1M25	144 mm	58 mm	100.5 mm	1 x M25	Horizontal	1082650000
HDC IP68 10B TSS 1M32	144 mm	58 mm	100.5 mm	1 x M32	Horizontal	1082660000
HDC IP68 10B TSS 1PG21	144 mm	58 mm	100.5 mm	1 x PG21	Horizontal	1082670000
HDC IP68 10B TSS 1PG29	144 mm	58 mm	100.5 mm	1 x PG29	Horizontal	1082680000
HDC IP68 10B TSS 1M20	144 mm	58 mm	100.5 mm	1 x M20	Horizontal	1082690000

Base housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 10B SS 1M20	169 mm	80 mm	100.5 mm	1 x M20	Horizontal	1081270000
HDC IP68 10B SS 1M32	169 mm	80 mm	100.5 mm	1 X M32	Horizontal	1081280000
HDC IP68 10B SS 1PG29	169 mm	80 mm	100.5 mm	1 X PG29	Horizontal	1081290000
HDC IP68 10B SS 2M20	169 mm	80 mm	100.5 mm	2 x M20	Horizontal	1081310000
HDC IP68 10B SS 2M32	169 mm	80 mm	100.5 mm	2 x M32	Horizontal	1081320000
HDC IP68 10B SS 2PG29	169 mm	80 mm	100.5 mm	2 x PG29	Horizontal	1081330000

Counter frame



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 10B FRAME	109 mm	58 mm	13 mm	None		1081560000
HDC IP68 10B FRAME M6	109 mm	58 mm	13 mm	None		1110900000

Cover



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 10B COVER	144 mm	58 mm	31 mm	None		1083070000

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Size 6

Housings

Bulkhead housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 16B AS	184 mm	58 mm	29.5 mm	None		1081530000

Plug housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 16B TOS 1M25	164 mm	58 mm	110.5 mm	1 x M25	Vertical	1082700000
HDC IP68 16B TOS 1M32	164 mm	58 mm	110.5 mm	1 x M32	Vertical	1082710000
HDC IP68 16B TOS 1M40	164 mm	58 mm	110.5 mm	1 X M40	Vertical	1082720000
HDC IP68 16B TOS 1M50	164 mm	58 mm	110.5 mm	1 x M50	Vertical	1082730000
HDC IP68 16B TOS 1PG21	164 mm	58 mm	110.5 mm	1 x PG21	Vertical	1082740000
HDC IP68 16B TOS 2PG21	164 mm	58 mm	110.5 mm	2 x PG21	Vertical	1082750000
HDC IP68 16B TOS 1PG29	164 mm	58 mm	110.5 mm	1 x PG29	Vertical	1082760000
HDC IP68 16B TOS 1PG36	164 mm	58 mm	110.5 mm	1 x PG36	Vertical	1082770000
HDC IP68 16B TOS 2M25	164 mm	58 mm	110.5 mm	2 x M25	Vertical	1082780000
HDC IP68 16B TSS 1M32	164 mm	58 mm	110.5 mm	1 x M32	Horizontal	1082800000
HDC IP68 16B TSS 1M40	164 mm	58 mm	110.5 mm	1 x M40	Horizontal	1082810000
HDC IP68 16B TSS 1M50	164 mm	58 mm	110.5 mm	1 x M50	Horizontal	1082820000
HDC IP68 16B TSS 1PG21	164 mm	58 mm	110.5 mm	2 x PG21	Horizontal	1082830000
HDC IP68 16B TSS 1PG29	164 mm	58 mm	110.5 mm	1 x PG29	Horizontal	1082840000
HDC IP68 16B TSS 1PG36	164 mm	58 mm	110.5 mm	1 x PG36	Horizontal	1082850000

Base housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 16B	189 mm	80 mm	111.5 mm	None		1081340000
HDC IP68 16B SS 1M32	189 mm	80 mm	111.5 mm	1 x M32	Horizontal	1081350000
HDC IP68 16B SS M40	189 mm	80 mm	111.5 mm	1 x M40	Horizontal	1081360000
HDC IP68 16B SS 2M40	189 mm	80 mm	111.5 mm	2 x M40	Horizontal	1081370000
HDC IP68 16B SS 1PG36	189 mm	80 mm	111.5 mm	1 x PG36	Horizontal	1081380000
HDC IP68 16B SS 2M32	189 mm	80 mm	111.5 mm	2 x M32	Horizontal	1081390000

Counter frame



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 16B FRAME	129 mm	58 mm	14 mm	None		1081570000
HDC IP68 16B FRAME M6	129 mm	58 mm	14 mm	None		1110910000

Cover



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 16B COVER	164 mm	58 mm	31 mm	None		1083080000

B

RockStar® IP68 housings

Size 8

Housings

Bulkhead housing



xxl

Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 24B AS	191 mm	58 mm	29.5 mm	None		1081540000
xxl HDC HB 24 TEK AS M 4	158 mm	58 mm	29 mm	None		1827470000

Plug housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 24B TOS 1M32	191 mm	58 mm	110.5 mm	1 x M32	Vertical	1082860000
HDC IP68 24B TOS 1M40	191 mm	58 mm	110.5 mm	1 x M40	Vertical	1082870000
HDC IP68 24B TOS 1M50	191 mm	58 mm	110.5 mm	1 x M50	Vertical	1082880000
HDC IP68 24B TOS 1PG21	191 mm	58 mm	110.5 mm	2 x PG21	Vertical	1082900000
HDC IP68 24B TOS 1PG29	191 mm	58 mm	110.5 mm	1 x PG29	Vertical	1082910000
HDC IP68 24B TOS 2PG29	191 mm	58 mm	110.5 mm	1 x PG29	Vertical	1082920000
HDC IP68 24B TOS 1PG36	191 mm	58 mm	110.5 mm	1 x PG36	Vertical	1082930000
HDC IP68 24B TOS 2M32	191 mm	58 mm	110.5 mm	2 x M32	Vertical	1082940000
HDC IP68 24B TOS 2M40	191 mm	58 mm	110.5 mm	2 x M40	Vertical	1082950000
HDC IP68 24B TOS 3M25	191 mm	58 mm	110.5 mm	3 x M25	Vertical	1082960000
HDC IP68 24B TSS 1M32	191 mm	58 mm	110.5 mm	1 x M32	Horizontal	1082970000
HDC IP68 24B TSS 1M40	191 mm	58 mm	110.5 mm	1 x M40	Horizontal	1082980000
HDC IP68 24B TSS 1M50	191 mm	58 mm	110.5 mm	1 x M50	Horizontal	1082990000
HDC IP68 24B TSS 1PG29	191 mm	58 mm	110.5 mm	1 x PG29	Horizontal	1083000000
HDC IP68 24B TSS 1PG36	191 mm	58 mm	110.5 mm	1 x PG36	Horizontal	1083010000
xxl HDC HB 24 TEK TSS1xM40G	184 mm	58 mm	120 mm	1 x M40	Horizontal	1000920001
xxl HDC HB 24 TEK TOS2XM40G	184 mm	58 mm	120 mm	2 x M40	Vertical	1020520000
xxl HDC HB 24 TEK TSS 1xM50G	184 mm	58 mm	120 mm	1 x M50	Horizontal	1827160000
xxl HDC HB 24 TEK TOS 1xM50G	184 mm	58 mm	120 mm	1 x M50	Vertical	1827170000

Base housing



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 24B SS M40	216 mm	80 mm	111.5 mm	1 x M40	Horizontal	1081410000
HDC IP68 24B SS 2M40	216 mm	80 mm	111.5 mm	2 x M40	Horizontal	1081420000
HDC IP68 24B SS 1PG36	216 mm	80 mm	111.5 mm	1 x PG36	Horizontal	1081430000
HDC IP68 24B SS 2PG36	216 mm	80 mm	111.5 mm	2 x PG36	Horizontal	1081440000
HDC IP68 24B SS	216 mm	80 mm	111.5 mm	None		1081450000

Counter frame



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 24B FRAME	156 mm	58 mm	17 mm	None		1081580000
HDC IP68 24B FRAME M6	156 mm	58 mm	17 mm	None		1110920000

Cover



Version	Length	Width	Height	Cable entry	Direction of cable entry	Order No.
HDC IP68 24B COVER	191 mm	58 mm	31 mm	None		1083090000

RockStar® IP68 housings
Selection overview

Housings

Size	Version	Without cable entry	M20	M25	M32	M40	M50	PG 13.5	PG 16	PG 21	PG 29	PG 36
1	Plug hood - top cable entry		X									
	Plug hood - side cable entry		X					X				
	Angled bulkhead housing	X	X									
	Bulkhead housing	X										
3	Plug hood - top cable entry		X	X	X	X			X	X	X	
	Plug hood - side cable entry		X	X	X				X	X		
	Bulkhead housing	X										
	Base housing		X	X	X						X	
4	Plug hood - top cable entry		X	X	X				X	X	X	
	Plug hood - side cable entry		X	X	X					X	X	
	Bulkhead housing	X										
	Base housing		X		X						X	
6	Plug hood - top cable entry			X	X	X	X			X	X	X
	Plug hood - side cable entry					X	X			X	X	X
	Bulkhead housing	X										
	Base housing				X	X						X
8	Plug hood - top cable entry			X	X	X	X			X	X	X
	Plug hood - side cable entry				X	X	X				X	X
	Bulkhead housing	X										
	Base housing				X	X						X
8 XXL	Plug hood - top cable entry					X	X					
	Plug hood - side cable entry					X	X					
	Bulkhead housing	X										