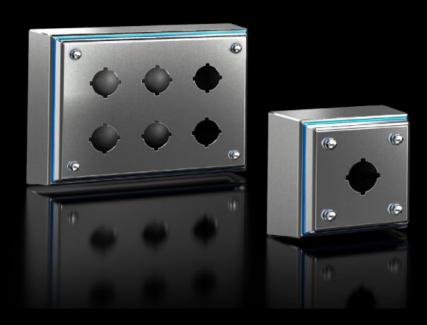
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HD 1681.600 Switch housing HD

State: 27.08.2025. (Source: rittal.com/hr-hr)

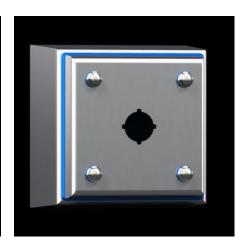


HD 1681.600 - Switch housing HD

Enclosure solution with one cut-out for switches, tailored to the requirements of the food and beverage industry. All-round gap-free silicone seal between enclosure and cover. Hygiene-compliant quick-release hexagon fastener.







Features

Design Hygienic Design enclosure Enclosure and cover: Stainless steel 1.4301 (AISI 3 Screw plug: Stainless steel Seal: Silicone, compliant with FDA Guideline 21 CFF Surface finish Enclosure and cover: Brushed, grain 400, peak-to-va < 0.8 μm Seal: Blue, dyed (RAL 5010) Supply includes Enclosure of all-round solid construction Cover with switch cut-out Seal and screw plug (supplied loose) Dimensions Width front: 100 mm Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm		
Enclosure and cover: Stainless steel 1.4301 (AISI 3 Screw plug: Stainless steel Seal: Silicone, compliant with FDA Guideline 21 CFF Surface finish Enclosure and cover: Brushed, grain 400, peak-to-va < 0.8 μm Seal: Blue, dyed (RAL 5010) Enclosure of all-round solid construction Cover with switch cut-out Seal and screw plug (supplied loose) Dimensions Width front: 100 mm Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm	Model No.	HD 1681.600
Screw plug: Stainless steel Seal: Silicone, compliant with FDA Guideline 21 CFF Surface finish Enclosure and cover: Brushed, grain 400, peak-to-va < 0.8 µm Seal: Blue, dyed (RAL 5010) Supply includes Enclosure of all-round solid construction Cover with switch cut-out Seal and screw plug (supplied loose) Width front: 100 mm Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm	Design	Hygienic Design enclosure
 < 0.8 µm Seal: Blue, dyed (RAL 5010) Supply includes Enclosure of all-round solid construction Cover with switch cut-out Seal and screw plug (supplied loose) Width front: 100 mm Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm 	Material	Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 mm Screw plug: Stainless steel Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600
Cover with switch cut-out Seal and screw plug (supplied loose) Width front: 100 mm Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm	Surface finish	•
Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm Depth: 90 mm	Supply includes	Cover with switch cut-out
Pitch pattern 60 mm	Dimensions	Width (rear): 122 mm Height, front: 100 mm Height rear: 122 mm
	Pitch pattern	60 mm
Cut-outs (quantity x diameter) 1 x 22.5 mm	Cut-outs (quantity x diameter)	1 x 22.5 mm

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Features

IK Code	IK08
Basic material	Stainless steel 1.4301 (AISI 304)
Lock	Lock version: Hygiene-compliant quick-release hexagon fastener Number of locks: 4
IP protection category to IEC 60	IP 66
529	IP X9
Protection category NEMA	NEMA 1
	NEMA 3
	NEMA 3X
	NEMA 4
	NEMA 4X
	NEMA 12
	NEMA 13
Type rating to UL 50E	Type 1
	Type 3
	Type 3X
	Type 4
	Type 4X
	Type 12
	Type 13
Packs of	1 pc(s).
Net weight	0.88
Gross weight	0.98
Customs tariff number	94039910
EAN	4028177958661
ETIM 9	EC002713
ETIM 8	EC002713
ECLASS 8.0	27180101

Approvals

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Approvals

Approvals	UL + C-UL (listed)
Explanations	Declaration of conformity
	Declaration of conformity UK

Tender text

HD Switch housing

Enclosure consisting of body and cover.

Body folded and welded in one piece,
with all-round, removable blue silicone seal
compliant to FDA-guidline 21 CFR 177.2600
body tilted by 3° for optimum cleaning,
in accordance with EHEDG guidlines.
Cover on top, tilted by 3°
with a 22.5 mm cut-out for one switch
four hygienic hexagonal screw plugs with
all-round sealing ring between enclosure and cover,
protective conductor connection in cover and body
Material:

Body and cover: stainless steel 1.4301 (AISI 304) 1,5 mm

Screw plug: stainless steel

Seal: silicone, compliant with FDA guidline 21 CFR 177.2600

Surface finish:

Body and cover: brushed, grain 400,

peak-to-valley height: < 0,8 µm Seal: blue, dyed (RAL 5010)

Protection class IP according to IEC 60 529: IP 66, IPX9

Type rating according to UL 50E: Type 13, 3R, 4X

Model No.: 1681600

Dimensions (W x H x D): 100 x 100 x 90 mm

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