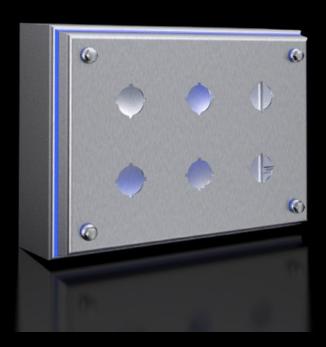
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# HD 1686.600 Switch housing HD

State: 17/11/2025 (Source: rittal.com/com-en)

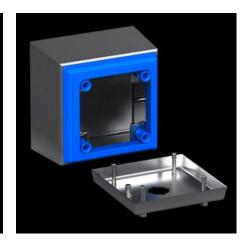


## HD 1686.600 - Switch housing HD

Enclosure solution with six cut-outs 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**

| Model No.                      | HD 1686.600  |
|--------------------------------|--|
| Design                         | Hygienic Design enclosure  |
| Material                       | Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 mm<br>Screw plug: Stainless steel<br>Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600 |
| Surface finish                 | Enclosure and cover: Brushed, grain 400, peak-to-valley height < 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: 160 mm Width (rear): 182 mm Height, front: 220 mm Height rear: 242 mm Depth: 90 mm  |
| Pitch pattern                  | 60 mm  |
| Cut-outs (quantity x diameter) | 6 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                       | 1.92  |
| Gross weight                     | 2.12  |
| Customs tariff number            | 84879090  |
| EAN                              | 4028177965942   |
| 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 six cut-outs each 22.5 mm for six switches
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.: 1686600

Dimensions (W x H x D): 160 x 220 x 90 mm

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