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## HD 1686.600 Switch housing HD

State: 08/12/2025 (Source: [rittal.com/uae-en](http://rittal.com/uae-en))

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IT INFRASTRUCTURE

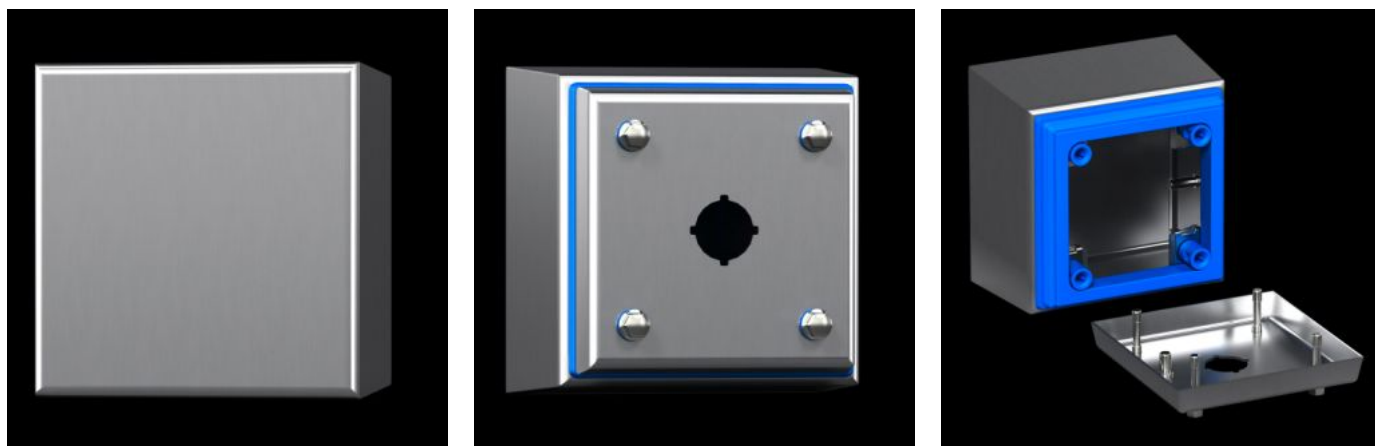
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# 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<br>Seal: Blue, dyed (RAL 5010)   |
| Supply includes                | Enclosure of all-round solid construction<br>Cover with switch cut-out<br>Seal and screw plug (supplied loose)   |
| Dimensions                     | Width front: 160 mm<br>Width (rear): 182 mm<br>Height, front: 220 mm<br>Height rear: 242 mm<br>Depth: 90 mm  |
| Pitch pattern                  | 60 mm  |
| Cut-outs (quantity x diameter) | 6 x 22.5 mm  |

# Features

|                                     |  |
|-------------------------------------|--|
| IK Code                             | IK08   |
| Basic material                      | Stainless steel 1.4301 (AISI 304)  |
| Lock                                | Lock version: Hygiene-compliant quick-release hexagon fastener<br>Number of locks: 4 |
| IP protection category to IEC 60529 | IP 66<br>IP X9   |
| Protection category NEMA            | NEMA 1<br>NEMA 3<br>NEMA 3X<br>NEMA 4<br>NEMA 4X<br>NEMA 12<br>NEMA 13               |
| Type rating to UL 50E               | Type 1<br>Type 3<br>Type 3X<br>Type 4<br>Type 4X<br>Type 12<br>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

# Approvals

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|              |   |
|--------------|---|
| Approvals    | UL + C-UL (listed)  |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

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## 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-guideline 21 CFR 177.2600  
body tilted by 3° for optimum cleaning,  
in accordance with EHEDG guidelines.

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 guideline 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