

# Rittal – The System.

Faster – better – everywhere.



## HD 4000.685 Large enclosure

State: 23/05/2026 (Source: [rittal.com/uk-en](http://rittal.com/uk-en))

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# HD 4000.685 - Large enclosure HD

The HD large enclosure is the bayable enclosure solution for hygienically sensitive areas that are subject to regular cleaning.



## Features

|                                   |  |
|-----------------------------------|--|
| Model No.                         | HD 4000.685  |
| Material                          | Enclosure and door: Stainless steel 1.4301 (AISI 304)<br>Lock insert HD: Stainless steel 1.4404 (AISI 316L)<br>Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600<br>Mounting plate: Sheet steel |
| Surface finish                    | Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm<br>Mounting plate: Zinc-plated<br>Seal: Blue, dyed (RAL 5010)   |
| Supply includes                   | Enclosure frame with welded rear panel gland plate<br>Door with inserted seal<br>R/h door hinge with single-door enclosures, may be swapped to opposite side<br>Mounting plate                             |
| Options                           | HD supporting structure with levelling   |
| Dimensions                        | Width: 600 mm<br>Height: 1,800 mm<br>Depth: 500 mm   |
| Dimensions mounting plate (W x H) | 499 mm x 1,696 mm  |
| Door opening angle                | 125°   |
| IK Code                           | IK08   |

# Features

---

|                                     |   |
|-------------------------------------|---|
| Basic material                      | Stainless steel 1.4301 (AISI 304)       |
| IP protection category to IEC 60529 | IP 66<br>IP X9                          |
| Protection category NEMA            | NEMA 4X                                 |
| Type rating to UL 50E               | Type 1<br>Type 3R<br>Type 4X<br>Type 12 |
| Packs of                            | 1 pc(s).                                |
| Net weight                          | 74 kg                                   |
| Gross weight                        | 76.75 kg                                |
| Customs tariff number               | 94032080                                |
| ETIM 9                              | EC000261                                |
| ETIM 8                              | EC000261                                |
| ECLASS 8.0                          | 27180101                                |

# Approvals

---

|           |                    |
|-----------|--------------------|
| Approvals | UL + C-UL (listed) |
|-----------|--------------------|