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## SE 5853.580

## SE 8 free-standing enclosure system

State: 26/12/2025 (Source: [rittal.com/ro-ro](http://rittal.com/ro-ro))

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FRIEDHELM LOH GROUP



# SE 5853.580 - SE 8 free-standing enclosure system IP 66/ NEMA 4X

Increased protection due to IP 66 / NEMA 4X. Time-saving assembly work due to the roll-formed side panels

## Features

|                                   |                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No.                         | SE 5853.580                                                                                                                                                                                                                                                                                                      |
| Product description               | The system enclosure is based on the TS 8 platform. System accessories for interior installation in the TS 8 design can be used without restrictions.                                                                                                                                                            |
| Material                          | Enclosure: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed<br>Door: Stainless steel 1.4301 (AISI 304), 2.0 mm, exterior brushed<br>Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed<br>Base: Stainless steel 1.4301 (AISI 304), 3.0 mm<br>Mounting plate: Sheet steel, 3.0 mm |
| Surface finish                    | Enclosure, rear panel and door: Brushed, grain size 400<br>Mounting plate: Zinc-plated<br>Base: Uncoated                                                                                                                                                                                                         |
| Supply includes                   | Enclosure, solid top and sides<br>Door(s)<br>Door hinged on the right, may be swapped to the left<br>Rear panel, detachable<br>Mounting plate<br>Base, solid<br>Lock: 3 mm double-bit<br>2 TS punched rails 18 x 38 mm                                                                                           |
| Dimensions                        | Width: 800 mm<br>Height: 2,000 mm<br>Depth: 600 mm                                                                                                                                                                                                                                                               |
| Dimensions mounting plate (W x H) | 699 mm x 1,896 mm                                                                                                                                                                                                                                                                                                |
| Protection category to IEC 60 529 | IP 66                                                                                                                                                                                                                                                                                                            |

## Features

|                          |                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|
| Protection category NEMA | NEMA 4X<br>NEMA 3R                                                                                              |
| Note                     | Due to the hardness of the material, we recommend using metal multi-tooth screws for the interior installation. |
| Basic material           | Stainless steel                                                                                                 |
| Packs of                 | 1 pc(s).                                                                                                        |
| Net weight               | 146                                                                                                             |
| Gross weight             | 152                                                                                                             |
| EAN                      | 4028177696761                                                                                                   |
| ECLASS 8.0               | 27180101                                                                                                        |

## Approvals

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