

Rittal – The System.

Faster – better – everywhere.



SE 5850.580

SE 8 free-standing enclosure system

State: 03/02/2026 (Source: rittal.com/sg-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SE 5850.580 - 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 5850.580
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 Door: Stainless steel 1.4301 (AISI 304), 2.0 mm, exterior brushed Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed Base: Stainless steel 1.4301 (AISI 304), 3.0 mm Mounting plate: Sheet steel, 3.0 mm
Surface finish	Enclosure, rear panel and door: Brushed, grain size 400 Mounting plate: Zinc-plated Base: Uncoated
Supply includes	Enclosure, solid top and sides Door(s) Door hinged on the right, may be swapped to the left Rear panel, detachable Mounting plate Base, solid Lock: 3 mm double-bit 2 TS punched rails 18 x 38 mm
Dimensions	Width: 600 mm Height: 1,600 mm Depth: 400 mm
Dimensions mounting plate (W x H)	499 mm x 1,496 mm
Protection category to IEC 60 529	IP 66

Features

Protection category NEMA	NEMA 4X 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	92.4
Gross weight	94.4
EAN	4028177696747
ECLASS 8.0	27180101

Approvals

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