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SE 5846.500

# SE 8 free-standing enclosure system

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# SE 5846.500 - SE 8 free-standing enclosure system

Individual sheet steel enclosure with stable enclosure body, two integrated mounting levels, screw-fastened rear panel and door. Roof and sides from a single piece with roll-formed frame. Fully compatible interior installation with the TS 8, enabling full integration into the TS 8 product family. Enclosure widths ranging from 600 to 1800 mm Time-saving assembly work due to the roll-formed side panels



## **Features**

Model No.	SE 5846.500
Material	Enclosure: Sheet steel 1.5 mm
	Door: Sheet steel, 2.0 mm
	Rear panel: Sheet steel, 1.5 mm
	Gland plates: Sheet steel, 1.5 mm
	Mounting plate: Sheet steel, 3.0 mm
Surface finish	Enclosure, door and rear panel: dipcoat-primed, powder-coated on
	the outside, textured paint
	Mounting plate and gland plates: Zinc-plated
Colour	RAL 7035
Supply includes	Enclosure, solid top and sides
	Door(s)
	R/h door hinge with single-door enclosures, may be swapped to
	opposite side
	Mounting plate
	Gland plates
	Rear panel, detachable
	Lock: 3 mm double-bit
	2 TS punched rails 18 x 38 mm
	Rear panel, two-piece

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# **Features**

Dimensions	Width: 1,800 mm Height: 2,000 mm Depth: 500 mm
Dimensions mounting plate (W x H)	1,699 mm x 1,896 mm
Protection category to IEC 60 529	IP 55
Protection category NEMA	NEMA 12 NEMA 3R
IK Code	IK10
Number of doors	2
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	273
Gross weight	282
EAN	4028177666641
ECLASS 8.0	27180101

# **Approvals**

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

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## Tender text

Two-door sheet steel system enclosure
Enclosure for stand-alone siting in self-supporting
integrated construction, consisting of a basic frame,
doors, rear panel and base assembly. Basic frame made
of one-piece construction including side panels and
roof. Enclosure section with system punchings on a
25 mm DIN pitch pattern. Vertical sections as well as
front and rear roof frame section with two mounting
levels for space-saving system installation.
Screw-fastened rear panel, welded base assembly
consisting of base frame and multi-divided, sliding
gland plates, r/h door hinge.

#### Doors:

Overlapping doors, lockable door with r/h hinge, with foamed-in seal, with removable rectangular frame with holes on a 25 mm DIN pitch pattern, locking bar with 4-point latching, double-bit insert to DIN 43668, with captive hinge pins, door opening angle 130° to VDI, may be retrofitted to 180°, automatic potential equalisation to the enclosure frame.

#### Gland plates:

3-part, removable and replaceable, fitted, automatic potential equalisation to the enclosure frame.

### Rear panel:

Vertically divided, with foamed-in seal, screw-fastened, automatic potential equalisation to the enclosure frame.

## Mounting plate:

C-folds at the sides, depth-adjustable on a 25 mm pitch pattern via integrated plastic slide pieces. Punched rail in the base for easy sliding of mounting plate may be removed after positioning the mounting plate and located on the vertical sections, e.g. for cable routing.

Material (material thickness):

Sheet steel for enclosure (1.5 mm), rear panel (1.5 mm), door (2.0 mm), gland plates (1.5 mm) and mounting plate (3.0 mm)

Surface finish:

3 layers of surface protection: Nanoceramic coating, electrophoretic dipcoat-priming, powder-coating in textured RAL 7035 on the outside.

Mounting plate and gland plates: Zinc-plated

Protection category:

IP 55 to EN 60 529, complies with NEMA 12.

Dimensions:

Width x height x depth: 1800x2000x500 mm, mounting plate (width x height): 1699x1896 mm

Make/model:

Rittal SE 5846.500 (or equivalent)

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