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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 kg
Gross weight	282 kg
Customs tariff number	94032080
ECLASS 8.0	27180101
Product description	SE Free-standing enclosure system, WHD: 1800x2000x500 mm, Sheet steel, with mounting plate, two doors at the front

Approvals

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

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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