Data sheet
ES 5831.500

Main data:

Model No.:	ES 5831.500
Designation:	SE system enclosure based on TS 8, WHD 800x1800x400 mm, single-door,
Variant:	n/a
Packs of:	1 ST
W x H x D:	800 mm x 1.800 mm x 400 mm
Mounting surface:	n/a
Volume:	661,00 dm³
Net weight:	118,00 kg
EAN:	4028177666443
Customs number:	94032080
Protection categories:	n/a

Approbationen:

CE	1 602 201
CUL	E 76083
HE	1 600 112
UL	E 76083

Article features:

Material	Sheet steel
	<(>,,<)>-,,Enclosure 1.5 mm
	<(>,,<)>- Door 2.0 mm
	<(>,,<)>- Rear panel 1.5 mm
	Sheet steel, zinc-plated

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<(>,,<)>- Gland plates 1.5 mm
<(>,,<)>- Mounting plate 3.0 mm
Colour
Enclosure, door, rear panel: RAL 7035, dipcoat primed,
externally powder-coated, textured paint
Technical specifications
Protection category: IP 55 to EN 60 52, complies with NEMA
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Supply includes
<(>,,<)>- Enclosure with 1 door, door hinged on the right
(can be

changed to the left)
<(>,,<)>- Mounting plate
<(>,,<)>- Gland plates, divided
<(>,,<)>- Rear panel screw-fastened from the inside
Product notes
The system enclosure SE 8 is based on the TS 8 platform.
Full compatibility with the TS 8 system accessories for
interior

installation,
e.g. TS 8 and PS punched sections with mounting flanges, TS
8 and PS

punched sections without mounting flanges,
TS 8 and PS punched rails (see Catalogue 32, page 988 ff.).
Merely in the roof frame TS 8 punched sections with
mounting flanges can

exclusively be used in the enclosure depth.
The TS base/plinth and the Flex-Block base/plinth system
can be used.

Texts for tenders:
FRIEDHELM **L O H** GROUP
Single-door sheet steel system enclosure
Enclosure for stand-alone siting in self-supporting
integrated construction, consisting of a basic frame,

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

Door:
With horizontally double 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, r/h door hinge may be swapped to opposite side, 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:
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

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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: 800x1800x400 mm,

mounting plate (width x height): 699x1696 mm

Make/model:
Rittal SE 5831.500 (or equivalent)

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