

# Data sheet

## ES 5832.500



### Main data:

<b>Model No.:</b>	ES 5832.500
<b>Designation:</b>	SE system enclosure based on TS 8, WHD 800x2000x400 mm, single-door,
<b>Variant:</b>	n/a
<b>Packs of:</b>	1 ST
<b>W x H x D:</b>	800 mm x 2.000 mm x 400 mm
<b>Mounting surface:</b>	n/a
<b>Volume:</b>	696,00 dm <sup>3</sup>
<b>Net weight:</b>	131,00 kg
<b>EAN:</b>	4028177666450
<b>Customs number:</b>	94032080
<b>Protection categories:</b>	n/a

### Approbationen:

<b>CE</b>	1 602 201
<b>CUL</b>	E 76083
<b>HE</b>	1 600 112
<b>UL</b>	E 76083

### Article features:

<b>Material</b>	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 12

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 LOH GROUP

Single-door sheet steel system enclosure

Enclosure for stand-alone siting in self-supporting page 2

integrated construction, consisting of a basic frame.

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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: 800x2000x400 mm,**

**mounting plate (width x height): 699x1896 mm**

### **Make/model:**

Rittal SE 5832.500 (or equivalent)