

# Rittal – The System.

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## TS 8685.500

## Baying systems TS 8

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FRIEDHELM LOH GROUP



# TS 8685.500 - Baying systems TS 8

The TS 8 sheet steel baying system, with its symmetrical profile in the width and depth, offers a significant space gain, plus simple interior installation. This likewise ensures bayability from all sides. Additionally, the integral, automatic potential equalisation of all enclosure panels and the triple surface treatment ensure optimum safety.



## Features

|                |   |
|----------------|---|
| Model No.      | TS 8685.500   |
| Material       | Enclosure frame: Sheet steel, 1.5 mm<br>Roof: Sheet steel, 1.5 mm<br>Door: Sheet steel, 2.0 mm<br>Rear panel: Sheet steel, 1.5 mm<br>Gland plates: Sheet steel, 1.5 mm<br>Mounting plate: Sheet steel, 3.0 mm |
| Surface finish | Enclosure frame: Dipcoat-primed<br>Door, roof and rear panel: Dipcoat-primed, powder-coated on the outside, textured paint<br>Mounting plate and gland plates: Zinc-plated                                    |
| Colour         | RAL 7035  |

# Features

|                                   |   |
|-----------------------------------|---|
| Supply includes                   | Enclosure frame<br>Door(s)<br>R/h door hinge with single-door enclosures, may be swapped to opposite side<br>Roof plate<br>Rear panel<br>4 eyebolts<br>Lock: 3 mm double-bit<br>Gland plates<br>Mounting plate<br>2 TS punched rails 18 x 38 mm |
| Dimensions                        | Width: 600 mm<br>Height: 1,800 mm<br>Depth: 500 mm  |
| Dimensions mounting plate (W x H) | 499 mm x 1,696 mm   |
| Protection category to IEC 60 529 | IP 55   |
| Protection category NEMA          | NEMA 1<br>NEMA 12   |
| Type rating to UL 50E             | Type 1<br>Type 12   |
| IK Code                           | IK09  |
| Number of doors                   | 1   |
| Basic material                    | Sheet steel   |
| Packs of                          | 1 pc(s).  |
| Net weight                        | 89.11   |
| Gross weight                      | 93.8  |
| Customs tariff number             | 94032080  |
| EAN                               | 4028177250994   |
| ETIM 9                            | EC000261  |
| ECLASS 8.0                        | 27180101  |

# Approvals

|              |   |
|--------------|---|
| Approvals    | Bureau Veritas<br>Lloyds Register of Shipping<br>UL + C-UL (listed)                     |
| Certificates | Surface finish  |
| Explanations | Manufacturer's declaration<br>Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Enclosure (baying system) single-door

Enclosure:

Symmetrical frame construction of rolled hollow sections with holes on a 25 mm DIN pitch pattern.

All sections have chamfered edges.

The horizontal sections have an additional protection lip above the seal.

The vertical sections have two mounting levels for space-saving interior installation.

Bayable on all sides.

Four eyebolts, three-piece gland plate can be removed and interchanged, fitted.

Door:

2 mm sheet steel, with foamed-in seal, with removable tubular door frame with holes on a 25 mm DIN pitch pattern, 4-point latch locking rod, double-bit insert to DIN 43668.

Door hinge may be swapped from right to left.

Hinges with captive hinge pins,  
door opening angle 130° to VDI,  
can be retrofitted to 180°,  
floor clearance 25 mm.

Rear panel and roof plate:

With foamed-in seal, removable

Mounting plate:

C-folded on the sides, depth-adjustable via integral plastic sliders in a 25 mm pitch pattern.

All screw-fastened cover parts with automatic potential equalisation and prepared for the attachment of earthing straps.

Accessories:

Side panels with foamed-in seal and assembly screws for finishing off the sides.

Protection category: IP 55

Material:

1.5 mm sheet steel, mounting plate of 3 mm sheet steel,  
zinc-plated

Surface finish:

Electrophoretic dipcoat-primed

Outside surfaces powder-coated in textured RAL 7035

Dimensions (W x H x D): 600 x 1800 x 500 mm