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# VX 8807.010

# Bayed enclosure system VX25

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# VX 8807.010 - Bayed enclosure system VX25 EMC

The large enclosures in the VX25 series offer a good level of shielding across a broad frequency range, even in the standard version. For increased EMC requirements, Rittal's VX25 enclosure is also available in a high RF attenuation version.

## Features

| | |
|---|---|
| Model No. | VX 8807.010 |
| Design | EMC version |
| Product description | The large enclosures in the VX25 series offer a good level of shielding across a broad frequency range, even in the standard version. For increased EMC requirements, Rittal’s VX25 enclosure is also available in a high RF attenuation version. |
| Material | Enclosure frame: Sheet steel with zinc magnesium coating, 1.5 mm<br>Roof: Sheet steel with zinc magnesium coating, 1.5 mm<br>Door: Sheet steel with zinc magnesium coating, 2.0 mm<br>Rear panel: Sheet steel with zinc magnesium coating, 1.5 mm<br>Gland plates: Sheet steel, 1.5 mm<br>Mounting plate: Sheet steel, 3.0 mm |
| Surface finish | Enclosure frame: Uncoated<br>Door, rear panel and roof: Spray-finished on the outside and paint-free on the inside<br>Gland plates: Zinc-plated<br>Mounting plate: Zinc-plated |
| Colour | RAL 7035 |
| Supply includes | Enclosure frame<br>Door(s)<br>Door hinged on the right, may be swapped to the left<br>Rear panel<br>Roof plate<br>Gland plates<br>Mounting plate<br>Lock: 3 mm double-bit<br>2 punched rails 18 x 39 mm |
| Protection category to IEC 60 529 | IP 55 |

# Features

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| Protection category NEMA | NEMA 1<br>NEMA 12 |
| Type rating to UL 50E | Type 1<br>Type 12 |
| Dimensions | Width: 800 mm<br>Height: 2,000 mm<br>Depth: 600 mm |
| Number of doors | 1 |
| Note | For bayed enclosures, the EMC shielding seal is required |
| Packs of | 1 pc(s). |
| Net weight | 119.05 |
| Gross weight | 129.6 |
| PCF per pack (cradle-to-gate) | 320.3 kg CO2 eq (Cat B) |
| Note on PCF category | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared |
| EAN | 4028177924574 |
| ETIM 9 | EC000261 |
| ECLASS 8.0 | 27180101 |

# Approvals

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|---|---|
| Approvals | Bureau Veritas<br>DNV-GL<br>UL + C-UL (listed) |
| Certificates | Surface finish |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

# Tender text

Enclosure (baying system) EMC Enclosure

Housing:
symmetrical profile frame construction, consisting of closed and profiled hollow profile with perforation in the measuring grid of 25 mm. Frame with zinc-magnesium coated sheet steel for high shielding properties.
Frame with integrated blind rivet nuts M6 for fastening of hardware components in accordance with the protection class on the profile.
All profile edges rounded.
Horizontal profiles with additional gutter above
External walls of the housing with circumferential seal.
Electrically conductive special seal.
Circumferentially identical profiles with two mounting levels, accessible from inside and outside, for space-saving and fast interior installation.
Square perforation all around for the use of cage nuts and metric screws up to M8.
Welded-on base frame with integrated base reinforcement for fastening to the base inside of the cabinet, base plate simply with gland plate, removable and exchangeable, mounted.
Can be bayed on all sides.
Loadable up to 15.000 N.
Door:
with foamed PU foam seal, with removable square tube frame with perforation in 25 mm grid and integrated hammer head cut-outs for cable support.
Quadruple locking with rod lock, Double-bit insert to DIN 43668, hinges with screwed-on stops, door stop changeable, with captive hinge pins, door opening angle 130° can be retrofitted to 180° without tools, ground clearance 17 mm.
Rear wall and roof plate:
with foamed PU foam seal. Rear panel and roof plate screw-fixed and removable. Rear wall with square tube frame for additional reinforcement and Positioning aid. Roof with roof fixing screws M12.
Mounting plate:

C-edged at the side, depth adjustable in 25 mm grid
via integrated plastic sliders and reusable mounting rails
Including mounting grid for simple
positioning of components.
Flat parts:
Roof, door, rear panel included in delivery.
EMC side panels are available separately as accessories.
Rear panel, roof panel is conductive with the
frame connected (automatic potential equalisation) to
DIN 62 208 and prepared for additional fixing of
earthing straps.
Bottom plate:
one-piece bottom plate with gland plates,
removable and exchangeable, mounted, conductively connected
with the frame connected (automatic potential equalisation)
to DIN 62 208.
QR Code:
Printed QR Code on roof, door, mounting plate, rear panel
and typeplate for clear identification and for
easy access to relevant product information and
documentation, and clear traceability of the
individual parts.
Material:
cabinet frame: 1.5 mm, sheet steel with
zinc-magnesium coating
Rear panel, roof: 1.5 mm sheet steel
with zinc-magnesium coating
Door: 2 mm sheet steel with zinc-magnesium coating
Bottom plate: 1.5 mm sheet steel
Mounting plate: 3 mm sheet steel
Surface finish:
Cabinet frame: uncoated
Door, rear panel and roof: painted on the outside, RAL 7035
and paint-free inside
Gland plates: galvanised
Mounting plate: galvanised
Protection class according to IEC 60 529
(with side mounted panels): IP 55
Protection class to UL 508A (with mounted side panels):
Type 1, 12
Impact protection to IEC 62 262: IK10
Dimensions (W x H x D): 800x2000x600 mm