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## CM 5120.500

## Compact system enclosures CM

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FRIEDHELM LOH GROUP



# CM 5120.500 - Compact system enclosures CM

Enclosure with door of sheet steel, with mounting plate and open base to accommodate base plates. Protection category IP 55. A symbiosis of the enclosure benefits of Rittal compact enclosures, and the configuration diversity of the TS 8 baying enclosure system. Perforated mounting strips in the door for fast attachment of support strips, cable conduit holders and covers.



## Features

Model No.	CM 5120.500
Material	Enclosure: Sheet steel 1.5 mm Door: Sheet steel, 2.0 mm, all-round foamed-in PU seal Mounting plate: Sheet steel, 3.0 mm
Surface finish	Enclosure and door: Dipcoat primed, powder-coated on the outside, textured paint Mounting plate: Zinc-plated
Colour	RAL 7035
Supply includes	Enclosure with hinged door(s) 3-point lock system with double-bit insert Mounting plate Open base for individual cable entry
Protection category NEMA	NEMA 12 with selection of the appropriate gland plates or trim panel
Protection category to IEC 60 529	IP 55 with selection of the appropriate gland plates or trim panel
IK Code	IK08

# Features

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Dimensions	Width: 1,000 mm Height: 1,200 mm Depth: 400 mm
Dimensions mounting plate (W x H)	940 mm x 1,155 mm
Number of doors	2
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	80.75 kg
Gross weight	86.1 kg
Customs tariff number	94032080
ETIM 9	EC000261
ECLASS 8.0	27180101
Product description	CM Compact system enclosure, WHD: 1000x1200x400 mm, Sheet steel, with mounting plate, two-door, open base

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# Approvals

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

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# Tender text

## Compact enclosure

### Description of enclosure body:

Sturdy sheet steel construction consisting of 1.5 mm sheet steel, folded and welded from a single piece, with all-round protection channel on the door aperture. Rear with recessed holes for wall brackets. Steel is cleaned, nanoceramically pretreated, degreased, phosphated, electrophoretic dipcoat primed and polyester powder-coated with textured RAL 7035. Base prepared for accommodating gland plates for optimum cable entry. Door/s made from 2 mm sheet steel, with foamed-in seal and spot-welded mounting strips on both sides for individual configuration. Doors with a 130° opening angle (can be retrofitted to 180°) with locking rod.

### Description of interior installation:

Mounting plate made from 3 mm sheet steel may be mounted in the rearmost position using system punchings. Mounting plate slide block for easy installation and clip fastening in the upper area for secure and easy attachment. Studs which are spot-welded on the enclosure body from the inside in the side, roof and base area are used to prepare for interior installation with the suitable rail system.

### Description of cable entry:

Variable gland plate combination is possible for optimum cable entry in enclosures, with automatic potential equalisation thanks to gland plate attachment.

Dimensions (W/H/D): 1000 x 1200 x 400 mm

Number of doors: 2

Approvals: UL / CSA / TÜV /

Lloyds Register of Shipping

Protection category: IP 55 to EN 60 529,  
complies with NEMA 12

with selection of the appropriate gland plates

Colour: RAL 7035

Model No.: 5120.500

Manufacturer: Rittal GmbH & Co. KG