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AE 1045.500

Compact enclosures AE

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FRIEDHELM LOH GROUP

AE 1045.500 - Compact enclosures AE

Enclosure with door of sheet steel, spray-finished with mounting plate and gland plate in the base

Features

Model No.	AE 1045.500
Material	Enclosure: Sheet steel Door: Sheet steel, all-round foamed-in PU seal
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), of all-round solid construction Gland plate(s) in enclosure base Mounting plate Lock: 3 mm double-bit
Protection category NEMA	NEMA 4
Protection category to IEC 60 529	IP 66
IK Code	IK08
Dimensions	Width: 400 mm Height: 500 mm Depth: 210 mm
Material thickness - door	1.5 mm
Material thickness - enclosure	1.38 mm
Material thickness of mounting plate	2 mm
Dimensions mounting plate (W x H)	354 mm x 475 mm
Number of doors	1
Interchangeable door hinge	Yes
Number of locks	2

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Features

Lock	Lock version: Cam Number of locks: 2 Lock insert: 3 mm double-bit
Gland plate	Size: 4 Qty.: 1
Basic material	Sheet steel
Packs of	1 pc(s).
Net weight	12.421 kg
Gross weight	12.72 kg
Customs tariff number	94037000
ECLASS 8.0	27180101
Product description	AE Compact enclosure, WHD: 400x500x210 mm, Sheet steel, with mounting plate, single-door, with two cam locks

Approvals

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

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Tender text

Enclosure (compact enclosure),
protection category IP 66

Enclosure:
Robust steel sheet construction made from 1.25 mm or 1.5 mm steel sheet, folded and welded from a single piece, with protection channel around the door opening, rear panel with countersunk holes for wall mounting brackets. Enclosure base fitted with sheet steel gland plates.

Door(s):
1.5 mm - 2 mm sheet steel, flush-mounted, with foamed-in seal, vertical perforated mounting strips fitted on both sides, screw-fastened hinges. Hinges can be fitted on the left or right for single-door enclosures, 130° opening angle as per VDI (retrofittable to 180°), cam lock with double-bit insert as per DIN 43668

Mounting plate:
2 - 3 mm sheet steel with system punchings, depth-adjustable stud mountings, zinc-plated.

Accessories:
Lock inserts, wall mounting brackets, plastic gland plate, earthing straps, wiring plan pockets, door stay, viewing window, panels, heat exchangers, fan-and-filter units, heaters, swing frame, electronic accessories (for 600 mm wide enclosures only), rain canopy, 180° hinge

Approvals:
UL, CSA, TÜV, Germanischer Lloyd, Lloyds Register of Shipping, Det Norske
Veritas, USSR Register of Shipping

Surface finish:
Panels cleaned, degreased, phosphated, electrophoretic

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dipcoat primed and powder-coated with polyester powder
in textured RAL 7035.

Dimensions (W x H x D): 400 x 500 x 210 mm