

Data Sheet for Article: KC181042--

Compact enclosure 2 door IP55 H=1800 W=1000 D=400 mm

sheet steel, RAL7035, with mounting plate, four-point rod lock with push-pull handle



SCHRACK-Info

- **Material** : Corpus: 1.5 mm galvanised sheet steel. Doors: Single door and double door: 2 mm sheet steel
- **Mounting plate** : 3 mm galvanised sheet steel. Double folded, mounted in the enclosure, fully adjustable in depth in 25 mm increments with depth adjustment brackets ACMPD002. As insertion aid of the mounting plate we recommend the use of slide-in rails ACCLT300 (for depth 300 mm), ACCLT400 (for depth 400 mm) and ACCLT500 (for depth 500 mm). The slide-in rails are inserted in the floor, after sliding and fixing of the mounting plate they can be removed and reused in the next enclosure
- **Bottom plates** : 1 mm galvanised sheet steel, divided in two parts
- **Frame** : Folded and seam welded reversed open profile with 25 mm hole pattern according to DIN 43660. Including inside circumferential hole pattern
- **Door** : On single door enclosures, the door is mounted on four double-sided hinges allowing left- or right-hand opening. On double door enclosures, hinges are not reversible. Doors for left-hand opening have to be ordered separately. All door panels include the door mounting frame with 25 mm hole pattern. The left Z-wing is locked separately with an inner three-point lock
- **Lock** : Four-point rod lock with push-pull handle with spring adjustment and 5 mm DIN double-bit key lock (DDB), does not slide inward. The standard lock can be exchanged for profile half cylinder (DIN cylinder) and other inserts from the range of accessories. Double doors are designed with a left-side inner pivot lever
- **Rear panel** : Mounted with M6 torx screws. Replacement against additional door from the back side is possible. For 1600 mm wide enclosures the rear panel is divided
- **Roof panel** : Removable
- **Earthing** : All panels are earthed through their fittings and are equipped with a separate earthing stud

- **Degree of protection** : Single door and double door IP55
- **Impact resistance** : IK10
- **Finish** : Textured powder coating
- **Color** : RAL7035 (Light grey)
- **Delivery includes** : Enclosure with door, rear panel, roof panel, bottom plates, mounting plate with fixing material for the nearest position of the rear panel and earthing studs. Delivered on a pallet with equal width as the enclosure.



Technical Data

Net width (mm)	1.000,00
Net height (mm)	1.800,00
Netto depth (mm)	400,00
Net weight (kg)	146,40
Min. ambient temperature (°C)	-10
Max. ambient temperature (°C)	60
IP Rating	IP55
Protection class	I
Material	sheetsteel
Colour	RAL 7035 (Light grey)
Width (mm)	1000
Height (mm)	1800
Depth (mm)	400
Corpus wall thickness (mm)	1,50
Mounting plate	galvanized sheet steel 3mm
Mounting plate wall thickness (mm)	3
Mounting plate width (mm)	897
Mounting plate height (mm)	1691
Door wall thickness (mm)	2
Number of bottom plates	2
Load capacity per door (kg)	100
Number of doors	2
Bottom plates width (mm)	830
Product category	Compact enclosure
Total Load Capacity (kg)	700
Mounting Plate Load Capacity (kg)	700
Power loss (W)	-842,00

Article Table

DESCRIPTION	Order No.
Compact enclosure 2 door IP55 H=1800 W=1000 D=400 mm sheet steel, RAL7035, with mounting plate, four-point rod lock with push-pull handle	KC181042
Optional Accessories	
LED ligh for EC, infra (not available in this country)	IU006519CZ
Plinth side parts (pair) with corner parts D=400 H=100 mm preassembled, sheet steel RAL9005 (Jet black)	ACSOT041
Plinth front and rear part W=1000 H=100 mm sheet steel PU=2 pieces, RAL9005 (Jet black)	ACSOB101
Plinth side parts (pair) with corner parts D=400 H=200 mm preassembled, sheet steel RAL9005 (Jet black)	ACSOT042
Plinth front and rear part W=1000 H=200 mm sheet steel PU=2 pieces, RAL9005 (Jet black)	ACSOB102
Roof panel for cable gland plates W=1000 D=400mm Suitable for AC/KC enclosures, Gland plates: WSTBT2117G, WSTBT2125G, WSTBT2130G, WSTBT2135G, WSTBT2150G, IG712100, IG712102, IG712200, IG712205, IG712211, IG712222, IG712223, IG712512, IG712516	ACRCE1004
Slide-in rails for mounting plates in 400 mm deep enclosures of series AC and KC, PU=1 pair	ACCLT400
Eye bolts M12 for lifting of AC and KC enclosures PU=4 pieces	ACLE9301
Document pocket, self-adhesive and screwable, DIN A4	ASDRA400
Push-pull handle in black with spring adjustment without insert	ACLSC502
Adapter for half cylinder locks DIN 18252 for push-pull handles of enclosure series AC, KC, AT and KT	ASLS2100
Adapter plate push-button insert for AC/KC enclosures	ASLSS1537
Cage nuts M6 (PU=10 pcs.)	ACCNM615
Fillister head screws M6x16 according to ISO 7380 PU=10 pieces	ACCNK006
Cage nuts M8 (PU=10 pcs.)	ACCNM815
Fillister head screws M8x16 according to ISO 7380 PU=10 pieces	ACCNK008
DIN-rail low, unperforated, sendzimir zincd Price per piece	BK14004--B
DIN-rail low, perforated, sendzimir zincd Preis pro Stück	BK14005--A
DIN-rail high, unperforated, sendzimir zincd DIN-rail high, unperforated, sendzimir zincd	IL14035--A

Article Table

DESCRIPTION	Order No.
Optional Accessories	
DIN-rail high, Long Hole 18x6.3mm, sendzimir zincd	IL14037
Price per piece	
Key for 5mm double-bit insert	DV903532
PU=1 piece	