

Data Sheet for Article: AC181060--

# Modular enclosure 1 door IP55 H=1800 W=1000 D=600 mm

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



## SCHRACK-Info

- **Material** : Frame: 1.5 mm sheet steel. Doors: Single door and double door: 2 mm sheet steel. Rear, roof and side panels: 1.5 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 the **ACMPD002** accessory.

As insertion aid of the mounting plate we recommend the use of slide-in rails **ACCLT400** (for depth 400 mm), **ACCLT500** (for depth 500 mm), **ACCLT600** (for depth 600 mm) and **ACCLT800** (for depth 800 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, consists of
  - two-part bottom plate at depths 400 and 500 mm,
  - three-part bottom plate at depth 600 mm and
  - four-part bottom plate at depth 800 mm
- **Frame** : Folded and seam welded reversed open profile with 25 mm hole pattern according to DIN 43660. Including integrated external hole pattern
- **Door** : On single door enclosures 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 including 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
- **Side panels** : ACSW... supplied in pairs as accessory. Mounting mark visible on the side of the frame profile
- **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** : Frame with fitted 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 to enable bayging while still on the pallet. All packing material is recyclable. In 400 mm wide enclosures a mounting plate, bottom plates and door frame are not included
- **Mounting requirement** : Standard delivery ready for combined installation. For stand-alone installation add side panels



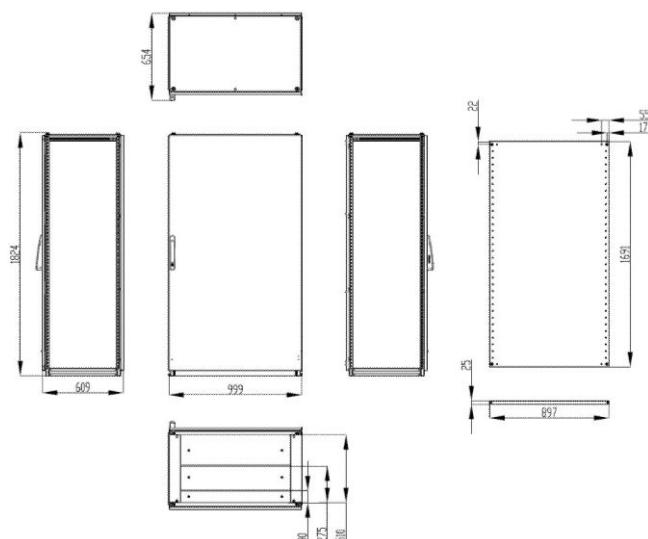
## Technical Data

|                                    |                            |
|------------------------------------|----------------------------|
| Net width (mm)                     | 1.000,00                   |
| Net height (mm)                    | 1.800,00                   |
| Netto depth (mm)                   | 600,00                     |
| Net weight (kg)                    | 140,80                     |
| 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)                         | 600                        |
| 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                       |
| Mounting plate depth (mm)          | 3                          |
| Door wall thickness (mm)           | 2                          |
| Number of bottom plates            | 3                          |
| Load capacity per door (kg)        | 100                        |
| Number of doors                    | 1                          |
| Bottom plates width (mm)           | 830                        |
| Product category                   | Modular enclosure          |
| Total Load Capacity (kg)           | 1500                       |

## Technical Data - continued

|                                   |          |
|-----------------------------------|----------|
| Mounting Plate Load Capacity (kg) | 1500     |
| Power loss (W)                    | -1021,00 |

## Dimension drawing



## Article Table

| DESCRIPTION                                                                                                                                  | Order No.  |
|----------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Modular enclosure 1 door IP55 H=1800 W=1000 D=600 mm<br>sheet steel, RAL7035, with mounting plate, four-point rod lock with push-pull handle | AC181060   |
| <b>Optional Accessories</b>                                                                                                                  |            |
| LED lighth for EC, infra (not available in this country)                                                                                     | IU006519CZ |
| Side panels (pair) H=1800 D=600 mm sheet steel RAL7035                                                                                       | ACSW1806   |
| Plinth side parts (pair) with corner parts D=600 H=100 mm<br>preassembled, sheet steel RAL9005 (Jet black)                                   | ACSOT061   |
| Plinth front and rear part W=1000 H=100 mm sheet steel<br>PU=2 pieces, RAL9005 (Jet black)                                                   | ACSOB101   |
| Plinth side parts (pair) with corner parts D=600 H=200 mm<br>preassembled, sheet steel RAL9005 (Jet black)                                   | ACSOT062   |
| Plinth front and rear part W=1000 H=200 mm sheet steel<br>PU=2 pieces, RAL9005 (Jet black)                                                   | ACSOB102   |
| Slide-in rails for mounting plates in 600 mm deep enclosures<br>of series AC and KC, PU=1 pair                                               | ACCLT600   |

## Article Table

| DESCRIPTION                                                                                             | Order No.  |
|---------------------------------------------------------------------------------------------------------|------------|
| <b>Optional Accessories</b>                                                                             |            |
| Baying kit for inside and outside mounting<br>with 4x baying brackets and mounting accessories          | ACCCI060   |
| Gasket tape made of Polyethylene PE-01, IP55                                                            | ACSPDG01   |
| Eye bolts M12 for lifting of AC and KC enclosures<br>PU=4 pieces                                        | ACLE9301   |
| Document pocket, self-adhesive and screwable, DIN A4                                                    | ASDRA400   |
| Push-pull handle in black with spring adjustment<br>without insert                                      | ACLS502    |
| Adapter for half cylinder locks DIN18252<br>for push-pull handles of enclosure series AC, KC, AT and KT | ASLS2100   |
| Adapter plate push-button insert for AC/KC enclosures                                                   | ASLSSI537  |
| Cage nuts M6 (PU=10 pcs.)                                                                               | ACCNM615   |
| Fillister head screws M6x16 according to ISO 7380<br>PU=10 pieces                                       | ACCNK006   |
| Cage nuts M8 (PU=10 pcs.)                                                                               | ACCNM815   |
| Fillister head screws M8x16 according to ISO 7380<br>PU=10 pieces                                       | ACCNK008   |
| DIN-rail low, unperforated, sendzimir zinc<br>Price per piece                                           | BK14004--B |
| DIN-rail low, perforated, sendzimir zinc<br>Preis pro Stück                                             | BK14005--A |
| DIN-rail high, unperforated, sendzimir zinc<br>DIN-rail high, unperforated, sendzimir zinc              | IL14035--A |
| DIN-rail high, Long Hole 18x6.3mm, sendzimir zinc<br>Price per piece                                    | IL14037    |
| Key for 5mm double-bit insert<br>PU=1 piece                                                             | DV903532   |