

Outdoor Double-Shell Thermally Insulated

Rack Cabinet 19" 42U STZdt Double-Access IP55



ID: 10483

Thermally insulated double-shell cabinet STZdt 42U made of aluminium, cabinet body fully laser welded and powder coated.

The cabinet provides high protection of the equipment inside against water and dust. The enclosure has a default degree of protection of IP55 and mechanical impact protection of IK09.

The sealing of the cabinet is achieved with three elements:

- Gasket - polyurethane poured on the door, after closing it tightly adheres to the flange in the body of the cabinet, the flange profiled at an angle of 88 degrees creates a gutter for draining water that gets between the door and the frame.
- A separating and filtering cassette on the cabinet door to provide protection against a water jet of 12.5 l/min in accordance with PN-EN 60529 standard and a filter mat to provide a barrier against dust.
- A separating cassette in the roof of the cabinet providing protection against a water jet of 12.5 l/min in accordance with PN-EN 60529 standard

For the assembly of equipment inside the cabinet, the following supporting structures are provided:

- Front Rack rails spaced 19" wide, front to back adjustable - 135 mm
- Back Rack rails spaced 19" wide, front to back adjustable - 135 mm

Cabinet door mounted on internal steel hinges, locked with a four-point locking system behind the cabinet chamber (proprietary locking system patent pending) . Handle with cylinder lock, possibility to change the cylinder by oneself.

For cable entry, a IP66 „MOREK” cable grommet was used. The cable entry is made easier by the removable floor plate. A gasket is poured on the junction between the plate and the floor to maintain tightness.

The ceiling of the cabinet provides space for mounting an accessory ventilation panel to ensure that excess heat is extracted from the cabinet. The choice of ventilation panel depends on the needs of the equipment installed inside.

The cabinet is designed to be placed on an appropriate steel or aluminium base supplied by the manufacturer as a foundation accessory, or on any self-made concrete base.

No additional sealing is required at the connection between the cabinet and the base.

Rack rail height	2x42U
Distance between rack rails [inch]	2x19"
Height [mm]	2191
Width [mm]	1465
Depth [mm]	760
Internal dimensions [mm]	1882 x 1396 x 696
IP rating	IP55
IK rating	IK10
Sheet thickness [mm]	2
Material	Aluminium PA11
Doors [pcs]	4
MOREK	2
Hermetic lock [pcs]	4
Cast polyurethane gasket	√
Color	RAL7035
Weight [kg]	136
Corrosion warranty [year]	25
Gwarancja na korozję [lat]	25

