DIGITUS® IP55 Wall-Mounted Enclosure - for outdoor use - 600x450 mm (WxD)

DN-19 07U-I-OD

EAN 4016032360971

7U wall mounting cabinet, outdoor, IP55 490x600x450 mm, color grey (RAL 7035)

The wall-mounted industrial network cabinets, with an IP55 rating, are specifically designed to meet the needs of harsh environments, particularly outdoor settings. These wall-mounted enclosures deliver top performance thanks, among other features, to their 3-point locking system with a lockable swivel handle and insulated PG cable glands. Integrated ventilation filter housings ensure a fresh air intake (protection against water and dust ingress per IP54). Applications include, for example, outdoor areas exposed to environmental elements (rain, dust, hail, snow, splashing water). To accommodate a fan module, the roof chassis is also equipped with a filtered compartment. A pair of galvanized 483 mm (19") profile rails, labeled with height units readable in both directions, are installed inside. These can be adjusted in depth. Each cabinet is a robust steel construction made of sheet steel up to 2.0 mm thick. The finish consists of an electrostatic powder coating in the standard color gray (RAL 7035). Wall mounting is accomplished using the included mounting brackets. Optionally, the cabinets can be used as freestanding units with a base or mounted on poles using a mounting kit.

The DIGITUS® IP55 outdoor wall-mounted enclosures are designed for industrial applications. They offer protection against water and dust in accordance with protection class IP55.

- Protection Class IP 55
- Lockable steel front door with a swing-lever handle
- 140° door opening angle
- 3-point, 4-latch front door locking system
- Front door with grounding and two welded-on, reinforcing U-shaped beams, as well as a gasket
- 483 mm (19”) profile rails mounted on the front inside the cabinet, galvanized
- 483 mm (19") profile rails are depth-adjustable and marked with height units
- 1.5 mm thick, heavy-duty steel sheet with high load-bearing capacity, powder-coated
- Individually welded housing for greater stability
- Cable entries in the base: 2x M32, 1x M63, 2x PVC blind caps (28 mm in diameter)
- The canopy, equipped with built-in fan modules, allows hot air to be vented from the housing
- Air intakes with dust filters on the left and right (optional fan installation available)
- Includes 4 mounting brackets (3 mm thick) for wall mounting, as well as matching screws and washers
- Minimum–maximum installation depth for components: 142–342 mm
- Distance between mounting holes for wall mounting (H x W) in mm: 298 x 550

Attributes

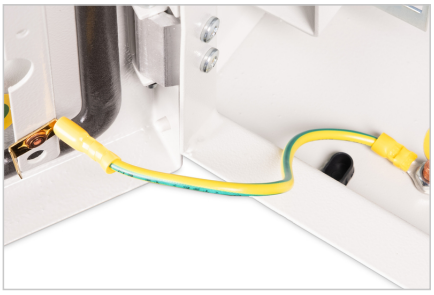
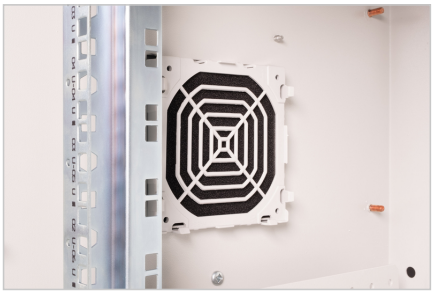
- Cabinet type: Wall mounting cabinet, outdoor
- Color: light grey, RAL 7035
- Depth: 450 mm
- Front door: Steel door, closed, single opening
- Load capacity: 100 kg
- Units: 7
- Width: 600 mm
- IP protection class: IP55
- Mounted: yes

Package contents

- Grounding Cable Set
- Installation Kit (screws, cage nuts, washers)
- 2 keys

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	32.00	50.00	65.00	54.00	175,500.00
Packaging Unit Inside	1	32.00	50.00	65.00	54.00	175,500.00
Packaging Unit Single	1	32.00	50.00	65.00	54.00	175,500.00
Net single without Packaging	1	31.00	45.00	60.00	49.00	0.00

More images:

Safety notes

- Ensure adequate ventilation to prevent the installed devices from overheating.
- Network cabinets should not be overfilled and the ventilation openings must not be blocked.
- Cables should be laid neatly and organized in cable ducts or trays.
- Use surge protection devices to protect sensitive devices from power surges or lightning strikes.
- Avoid moisture or wetness while observing the respective IP protection class.
- Ensure that the cabinet and the devices used are properly earthed.
- In regions with frequent thunderstorm activity, professional lightning protection should be integrated into the power supply.
- To avoid uneven loading, always mount the heaviest units at the bottom of the cabinet.
- Disconnect the installed devices from the power supply during maintenance or installation work.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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