

DIGITUS Industrial network cabinet, indoor use, IP55

DN-19 42U-I-8/10-1
EAN 4016032371052



42U network rack indoor IP55 2100x800x1000, incl. plinth, grey (RAL 7035)

The free-standing industrial network enclosures are specially adapted to the requirements of harsh environments in accordance with protection class IP55. The base chassis can be opened modularly thanks to its galvanized, screw-fastened panels. It is also equipped with a slide-on cable inlet with a foam rubber seal and PG cable glands. A plinth (100 mm) mounted under the enclosure provides more storage space for excess cable lengths. Two pairs of galvanized 483 mm (19") profile rails, labelled with height units that can be read in both directions, are installed inside. They can be adjusted in depth and are connected to additional depth braces in the cabinet. Each enclosure is a robust steel construction made from sheet steel up to 2.0 mm thick. All-round profile perforation supports a wide range of installation options in the cabinet. The coloring takes the form of electrostatic powder coating in the standard color grey (RAL 7035). The adhesion according to EN ISO 2409: Class 0 to 1 and the 500-hour salt spray resistance test confirm a possible operating temperature of -25 °C to + 70 °C. The removable side panels, fastened with countersunk screws, and doors including swivel handle with profile half cylinder, improve the safety of accessibility.

- Front door made entirely of metal frame and 4 mm thick tempered glass
- Closed steel rear door with filtered air inlet (250x250 mm)
- Door structure made of multi-bent material ensures rigidity and strength
- Special sealing system between metal and profile system made of PUR (polyurethane)
- Side panels with special fastening via countersunk screw
- 130° door opening angle

- 1.5 - 2.0 mm thick sheet steel
- Corner connectors made of E-160 material processed with aluminum spray technology, highly resistant to rusting
- Circumferential profile perforation structure on the inside
- 483 mm (19") profile rails mounted at the front and rear inside the enclosure, galvanized
- 483 mm (19") profile rails are adjustable in depth and marked with the height unit
- Floor chassis equipped with slide-on cable inlet & PG cable inlets (1x PG 48, 4x PG 21)
- Frame profiles manufactured with DIN EN10142-2000 DX51 D+Z material, which offers high resistance to rust
- Roof with screwed privacy screen in front of eyebolts
- Installation depth for components min.-max.: 160-860 mm
- Height including base, transport eyelets, mudguard: 2159 mm

Attributes

- Cabinet type: Industrial cabinet
- Color: light grey, RAL 7035
- Depth: 1000 mm
- Front door: Glass door, single opening
- Load capacity: 1500 kg
- Units: 42
- Width: 800 mm
- IP protection class: IP55
- Mounted: yes

Package contents

- Earthing cable set
- Installation set (screws, cage nuts, washers)
- 2x key

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	176.00	105.00	85.00	215.00	0.00
Packaging Unit Inside	1	176.00	105.00	85.00	215.00	0.00
Packaging Unit Single	1	176.00	105.00	85.00	215.00	0.00
Net single without Packaging	0	175.00	100.00	80.00	210.00	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 neatly routed 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.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
<https://www.assmann.com>
info@assmann.com