



DESIGN

Enclosure

- External or internal.
- For wall surface (OU) or flush (OU_p) installation, with a frame for installation in the wall.
- Made of steel or aluminium sheet, welded.
- Metal sheet thickness matching the dimensions.
- Powder painted in any colour (RAL), with surface structure highly resistant to destruction and external factors.
- IP protection level 30 to IP54.
- Mechanical resistance up to IK10.

Door

- Solid or transparent.
- Opened in any direction (vertically, horizontally) in one- or two-wing design.
- With a pin tumbler lock (of any shape) or an espag lock with a system cylinder and an additional padlock.
- Internal hinges with an additional anti-burglary lock.
- Additional gaskets installed in the door closure space for additional leak-tightness.
- Ground bolts with cables.

Roof and bottom

- Openings with brush grommets, polyester or steel glands and profiled rubber membranes for cables and wires to be run without lowering the IP rating.
- Eyebolts: screwed, to facilitate transport.

Dimensions

The size matching the type and range of devices and individual needs of the Client.

EQUIPMENT

- Installation base: galvanised, at any depth or directly on the back of the enclosure.
- TH35 rails: installed on the installation profiles made of galvanised sheet.
- Split masking panels: made of plastic or sheet metal, installed to the enclosure structure with masking panel clamps.
- Wire ducts with the cross section matching the type and number of cables.
- Tilting internal door: for installation of additional devices.
- Ventilation with a fan and proper openings in the enclosure to allow continuous control of temperature.
- Perforated profiles for doors or side walls: ready for installation of board instruments.

Accessories

- **Plinth:** solid or ventilated, of any height to match the cable duct.
- **Wall mounting:** made of profiled metal sheet, to enable setting the enclosure on the wall.
- **FM foundation block:** matching the dimensions of the enclosure, fitted with removable front and back covers.

APPLICATION

- For industrial and construction sites.
- To cover switching, inspection, control and automatics devices.

BASIC TECHNICAL DATA

Rated operational voltage:	230 V / 400 V
Insulation rated voltage:	500 V
IP protection level:	30 - 54
IK level of protection against mechanical impact:	10
Appliance class:	I
Height / width / depth:	without limitations

COMPLIANCE WITH STANDARDS

- **PN-EN 62262**
„Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code).“;
- **PN-EN 60529**
„Degrees of protection provided by enclosures (IP Code).“;
- **PN-EN 62208**
„Empty enclosures for low-voltage switchgear and controlgear assemblies - General requirements.“;
- **PN-EN ISO 4628**
„Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 6: Assessment of degree of chalking by tape method.“;
- **PN-EN ISO 2409**
„Paints and varnishes - Cross-cut test.“.

