

## Automation

### Strong and custom-built

Generally used to control plants processes, these electrical enclosure systems have been designed to cope with all types of control requirements. These cabinets can be fully customised and manufactured with any type of required cutting. Their sturdiness makes them suitable for the most diversified applications.

All accessories and versions are available in the **FAST-ONE configurator** software and in the following pages.



### Characteristics Automation

- IP54 Protection level with a blank door or a transparent tempered glass door.
- Main structures and doors in sheet metal 20/10 mm thick, sheet metal panels 15/10 mm thick.
- Patented door hinges that can be reversed and rotate more than 180°.
- Epoxy powder coating after phosphatizing in shade Ral 7035 (other shades on request).
- Fully modular systems that can be constantly expanded by replacing the doors and the side panelling.
- Side panelling fixing system that allows a single operator to carry out the operation.
- Panel fixing with bushes and captive screws.
- Door lock with a 4 point closing system.
- Regularly spaced holes on the whole structure for a rapid positioning of all components.
- Enclosure hole-cutting service so that these can contain any type device, of any make, used.
- The cabinets can be fitted side-by-side and several structures can be lifted at the same time.
- Patented (VI2000U00013) and certified (Test n. A0/017150) Earth connection system on doors and on all side panels.
- Full range of internal finishing accessories in order to provide solutions for any requirement.
- Plinths and removable bottom plates to facilitate handling of trans-pallets and forklift trucks.
- **Upon request the structure can be made of stainless steel.**

## PN cabinet series – blank door – IP54



Code	Description
PN361	Cab. "PN" 250 X 625 X 1800 IP54 Blank Door
PN362	Cab. "PN" 250 X 625 X 2000 IP54 Blank Door
PN364	Cab. "PN" 250 X 625 X 2200 IP54 Blank Door
PN381	Cab. "PN" 250 X 800 X 1800 IP54 Blank Door
PN382	Cab. "PN" 250 X 800 X 2000 IP54 Blank Door
PN384	Cab. "PN" 250 X 800 X 2200 IP54 Blank Door
PN461	Cab. "PN" 400 X 625 X 1800 IP54 Blank Door
PN462	Cab. "PN" 400 X 625 X 2000 IP54 Blank Door
PN464	Cab. "PN" 400 X 625 X 2200 IP54 Blank Door
PN481	Cab. "PN" 400 X 800 X 1800 IP54 Blank Door
PN482	Cab. "PN" 400 X 800 X 2000 IP54 Blank Door
PN484	Cab. "PN" 400 X 800 X 2200 IP54 Blank Door
PN411	Cab. "PN" 400 X 1000 X 1800 IP54 Blank Door
PN412	Cab. "PN" 400 X 1000 X 2000 IP54 Blank Door
PN414	Cab. "PN" 400 X 1000 X 2200 IP54 Blank Door
PN561	Cab. "PN" 500 X 625 X 1800 IP54 Blank Door
PN562	Cab. "PN" 500 X 625 X 2000 IP54 Blank Door
PN564	Cab. "PN" 500 X 625 X 2200 IP54 Blank Door
PN581	Cab. "PN" 500 X 800 X 1800 IP54 Blank Door
PN582	Cab. "PN" 500 X 800 X 2000 IP54 Blank Door
PN584	Cab. "PN" 500 X 800 X 2200 IP54 Blank Door
PN511	Cab. "PN" 500 X 1000 X 1800 IP54 Blank Door
PN512	Cab. "PN" 500 X 1000 X 2000 IP54 Blank Door
PN514	Cab. "PN" 500 X 1000 X 2200 IP54 Blank Door
PN661	Cab. "PN" 625 X 625 X 1800 IP54 Blank Door
PN662	Cab. "PN" 625 X 625 X 2000 IP54 Blank Door
PN664	Cab. "PN" 625 X 625 X 2200 IP54 Blank Door
PN681	Cab. "PN" 625 X 800 X 1800 IP54 Blank Door
PN682	Cab. "PN" 625 X 800 X 2000 IP54 Blank Door
PN684	Cab. "PN" 625 X 800 X 2200 IP54 Blank Door
PN611	Cab. "PN" 625 X 1000 X 1800 IP54 Blank Door
PN612	Cab. "PN" 625 X 1000 X 2000 IP54 Blank Door
PN614	Cab. "PN" 625 X 1000 X 2200 IP54 Blank Door
PN861	Cab. "PN" 800 X 625 X 1800 IP54 Blank Door
PN862	Cab. "PN" 800 X 625 X 2000 IP54 Blank Door
PN864	Cab. "PN" 800 X 625 X 2200 IP54 Blank Door
PN881	Cab. "PN" 800 X 800 X 1800 IP54 Blank Door
PN882	Cab. "PN" 800 X 800 X 2000 IP54 Blank Door
PN884	Cab. "PN" 800 X 800 X 2200 IP54 Blank Door
PN811	Cab. "PN" 800 X 1000 X 1800 IP54 Blank Door
PN812	Cab. "PN" 800 X 1000 X 2000 IP54 Blank Door
PN814	Cab. "PN" 800 X 1000 X 2200 IP54 Blank Door
PN162	Cab. "PN" 1000 X 625 X 2000 IP54 Blank Door
PN164	Cab. "PN" 1000 X 625 X 2200 IP54 Blank Door
PN182	Cab. "PN" 1000 X 800 X 2000 IP54 Blank Door
PN184	Cab. "PN" 1000 X 800 X 2200 IP54 Blank Door
PN262	Cab. "PN" 1200 X 625 X 2000 IP54 Blank Door
PN264	Cab. "PN" 1200 X 625 X 2200 IP54 Blank Door
PN282	Cab. "PN" 1200 X 800 X 2000 IP54 Blank Door
PN284	Cab. "PN" 1200 X 800 X 2200 IP54 Blank Door
PN212	Cab. "PN" 1200 X 1000 X 2000 IP54 Blank Door

## PPN cabinet series – double blank door – IP54



Code	Description
PPN4122	Cab. "PPN" 400 X 1200 X 2000 IP54 double Blank Door
PPN4124	Cab. "PPN" 400 X 1200 X 2200 IP54 double Blank Door
PPN4162	Cab. "PPN" 400 X 1600 X 2000 IP54 double Blank Door
PPN4164	Cab. "PPN" 400 X 1600 X 2200 IP54 double Blank Door
PPN5122	Cab. "PPN" 500 X 1200 X 2000 IP54 double Blank Door
PPN5124	Cab. "PPN" 500 X 1200 X 2200 IP54 double Blank Door
PPN5162	Cab. "PPN" 500 X 1600 X 2000 IP54 double Blank Door
PPN5164	Cab. "PPN" 500 X 1600 X 2200 IP54 double Blank Door
PPN6122	Cab. "PPN" 625 X 1200 X 2000 IP54 double Blank Door
PPN6124	Cab. "PPN" 625 X 1200 X 2200 IP54 double Blank Door
PPN6162	Cab. "PPN" 625 X 1600 X 2000 IP54 double Blank Door
PPN6164	Cab. "PPN" 625 X 1600 X 2200 IP54 double Blank Door
PPN8122	Cab. "PPN" 800 X 1200 X 2000 IP54 double Blank Door
PPN8124	Cab. "PPN" 800 X 1200 X 2200 IP54 double Blank Door
PPN8162	Cab. "PPN" 800 X 1600 X 2000 IP54 double Blank Door
PPN8164	Cab. "PPN" 800 X 1600 X 2200 IP54 double Blank Door
PPN1122	Cab. "PPN" 1000 X 1200 X 2000 IP54 double Blank Door
PPN1124	Cab. "PPN" 1000 X 1200 X 2200 IP54 double Blank Door
PPN1162	Cab. "PPN" 1000 X 1600 X 2000 IP54 double Blank Door
PPN1164	Cab. "PPN" 1000 X 1600 X 2200 IP54 double Blank Door

## PB cabinet series – jamb door – IP54



Code	Description
PB4122	Cab. "PB" 400 X 1200 X 2000 IP54 Jamb Door
PB4124	Cab. "PB" 400 X 1200 X 2200 IP54 Jamb Door
PB4162	Cab. "PB" 400 X 1600 X 2000 IP54 Jamb Door
PB4164	Cab. "PB" 400 X 1600 X 2200 IP54 Jamb Door
PB5122	Cab. "PB" 500 X 1200 X 2000 IP54 Jamb Door
PB5124	Cab. "PB" 500 X 1200 X 2200 IP54 Jamb Door
PB5162	Cab. "PB" 500 X 1600 X 2000 IP54 Jamb Door
PB5164	Cab. "PB" 500 X 1600 X 2200 IP54 Jamb Door
PB6122	Cab. "PB" 625 X 1200 X 2000 IP54 Jamb Door
PB6124	Cab. "PB" 625 X 1200 X 2200 IP54 Jamb Door
PB6162	Cab. "PB" 625 X 1600 X 2000 IP54 Jamb Door
PB6164	Cab. "PB" 625 X 1600 X 2200 IP54 Jamb Door
PB8122	Cab. "PB" 800 X 1200 X 2000 IP54 Jamb Door
PB8124	Cab. "PB" 800 X 1200 X 2200 IP54 Jamb Door
PB8162	Cab. "PB" 800 X 1600 X 2000 IP54 Jamb Door
PB8164	Cab. "PB" 800 X 1600 X 2200 IP54 Jamb Door
PB1122	Cab. "PB" 1000 X 1200 X 2000 IP54 Jamb Door
PB1124	Cab. "PB" 1000 X 1200 X 2200 IP54 Jamb Door
PB1162	Cab. "PB" 1000 X 1600 X 2000 IP54 Jamb Door
PB1164	Cab. "PB" 1000 X 1600 X 2200 IP54 Jamb Door

## Cabinet WA – cable duct – IP 54



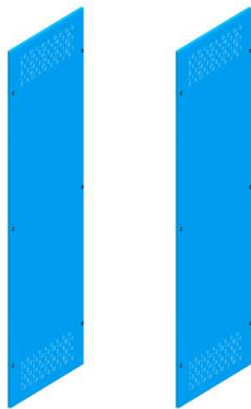
Code	Description
WA321	Cab. "WA" 250 X 200 X 1800 IP54 cable duct
WA322	Cab. "WA" 250 X 200 X 2000 IP54 cable duct
WA324	Cab. "WA" 250 X 200 X 2200 IP54 cable duct
WA344	Cab. "WA" 250 X 400 X 2200 IP54 cable duct
WA421	Cab. "WA" 400 X 200 X 1800 IP54 cable duct
WA422	Cab. "WA" 400 X 200 X 2000 IP54 cable duct
WA424	Cab. "WA" 400 X 200 X 2200 IP54 cable duct
WA441	Cab. "WA" 400 X 400 X 1800 IP54 cable duct
WA442	Cab. "WA" 400 X 400 X 2000 IP54 cable duct
WA444	Cab. "WA" 400 X 400 X 2200 IP54 cable duct
WA521	Cab. "WA" 500 X 200 X 1800 IP54 cable duct
WA522	Cab. "WA" 500 X 200 X 2000 IP54 cable duct
WA524	Cab. "WA" 500 X 200 X 2200 IP54 cable duct
WA541	Cab. "WA" 500 X 400 X 1800 IP54 cable duct
WA542	Cab. "WA" 500 X 400 X 2000 IP54 cable duct
WA544	Cab. "WA" 500 X 400 X 2200 IP54 cable duct
WA621	Cab. "WA" 625 X 200 X 1800 IP54 cable duct
WA622	Cab. "WA" 625 X 200 X 2000 IP54 cable duct
WA624	Cab. "WA" 625 X 200 X 2200 IP54 cable duct
WA642	Cab. "WA" 625 X 400 X 2000 IP54 cable duct
WA644	Cab. "WA" 625 X 400 X 2200 IP54 cable duct

## Finishing accessories



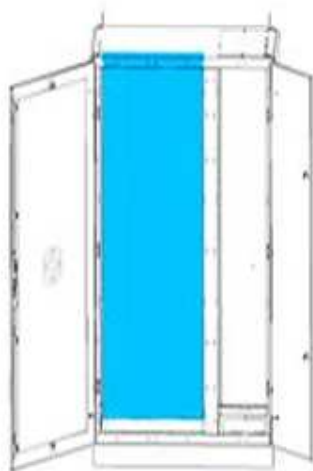
### BLANK SIDE PANELS

Code	Description
PL2516	2 Fixed side panels for Cab. 250X1800
PL2518	2 Fixed side panels for Cab. 250X2000
PL2520	2 Fixed side panels for Cab. 250X2200
PL4016	2 Fixed side panels for Cab. 400X1800
PL4018	2 Fixed side panels for Cab. 400X2000
PL4020	2 Fixed side panels for Cab. 400X2200
PL5016	2 Fixed side panels for Cab. 500X1800
PL5018	2 Fixed side panels for Cab. 500X2000
PL5020	2 Fixed side panels for Cab. 500X2200
PL6016	2 Fixed side panels for Cab. 625X1800
PL6018	2 Fixed side panels for Cab. 625X2000
PL6020	2 Fixed side panels for Cab. 625X2200



### SLOTTED SIDE PANELS

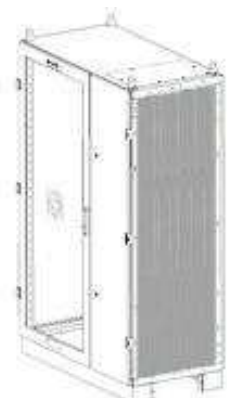
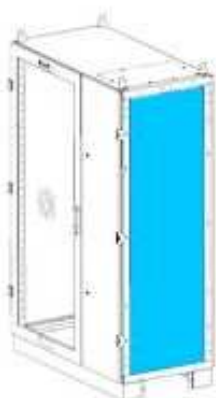
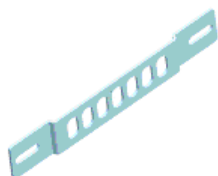
Code	Description
PLF2516	2 Slotted side panels for Cab. 250X1800
PLF2518	2 Slotted side panels for Cab. 250X2000
PLF2520	2 Slotted side panels for Cab. 250X2200
PLF4016	2 Slotted side panels for Cab. 400X1800
PLF4018	2 Slotted side panels for Cab. 400X2000
PLF4020	2 Slotted side panels for Cab. 400X2200
PLF5016	2 Slotted side panels for Cab. 500X1800
PLF5018	2 Slotted side panels for Cab. 500X2000
PLF5020	2 Slotted side panels for Cab. 500X2200
PLF6016	2 Slotted side panels for Cab. 625X1800
PLF6018	2 Slotted side panels for Cab. 625X2000
PLF6020	2 Slotted side panels for Cab. 625X2200



### WIRING PANELS ZINC-PLATED (SENDZIMIR)

Code	Description
10616	Wiring panel Cab. 625X1800 (470X1595)
10618	Wiring panel Cab. 625X2000 (470X1795)
10620	Wiring panel Cab. 625X2200 (470X1995)
10816	Wiring panel Cab. 800X1800 (644X1595)
10818	Wiring panel Cab. 800X2000 (644X1795)
10820	Wiring panel Cab. 800X2200 (644X1995)
11016	Wiring panel Cab. 1000X1800 (844X1595)
11018	Wiring panel Cab. 1000X2000 (844X1795)
11020	Wiring panel Cab. 1000X2200 (844X1995)
11218	Wiring panel Cab. 1200X2000 (1044X1795)
11220	Wiring panel Cab. 1200X2200 (1044X1995)
11620	Wiring panel Cab. 1600X2200 (1394X1995)
10216	Wiring panel Cab. 200X1800 (196X1595)
10218	Wiring panel Cab. 200X2000 (196X1795)
10220	Wiring panel Cab. 200X2200 (196X1995)
10416	Wiring panel Cab. 400X1800 (342X1595)
10418	Wiring panel Cab. 400X2000 (342X1795)
10420	Wiring panel Cab. 400X2200 (342X1995)
0/3316	Vertical fill-in panel Cab.H=1800 (108X1595)
0/3318	Vertical fill-in panel Cab. H=2000 (108X1795)
0/3320	Vertical fill-in panel Cab.H=2200 (108X1995)

## Finishing accessories



### INTERNAL SUPPORTS

Code	Description
1/2523	Internal Support 23 W=250 Frame mounted
1/0423	Internal Support 23 W=400 Frame mounted
1/0523	Internal Support 23 W=500 Frame mounted
1/1923	Internal Support 23 W=625 Frame mounted

### CABLES ANCHORING STRIP

Code	Description
2/0423	Cable Anchoring Strip H=30 W=400
2/0523	Cable Anchoring Strip H=30 W=500
2/0623	Cable Anchoring Strip H=30 W=625
2/2023	Cable Anchoring Strip W=2000

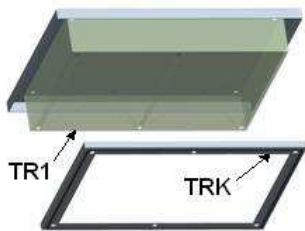
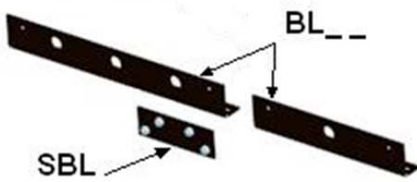
### VERTICAL AND HORIZONTAL SEPARATING PANELS

Code	Description
0/322516	Vertical separating panel Cab. 250X 1800
0/322518	Vertical separating panel Cab. 250X 2000
0/322520	Vertical separating panel Cab. 250X 2200
0/320416	Vertical separating panel Cab. 400X1800
0/320418	Vertical separating panel Cab. 400X2000
0/320420	Vertical separating panel Cab. 400X2200
0/320516	Vertical separating panel Cab. 500X1800
0/320518	Vertical separating panel Cab. 500X2000
0/320520	Vertical separating panel Cab. 500X2200
0/320616	Vertical separating panel Cab. 625X1800
0/320618	Vertical separating panel Cab. 625X2000
0/320620	Vertical separating panel Cab. 625X 2200

Code	Description
1/322516	Vert. Meshed separat. Panel Cab. 250X1800
1/322518	Vert. Meshed separat. Panel Cab. 250X2000
1/322520	Vert. Meshed separat. Panel Cab.250X2200
1/320416	Vert. Meshed separat. Panel Cab. 400X1800
1/320418	Vert. Meshed separat. Panel Cab.400X2000
1/320420	Vert. Meshed separat. Panel Cab.400X2200
1/320516	Vert. Meshed separat. Panel Cab.500X1800
1/320518	Vert. Meshed separat. Panel Cab.500X2000
1/320520	Vert. Meshed separat. Panel Cab.500X2200
1/320616	Vert. Meshed separat. Panel Cab.625X1800
1/320618	Vert. Meshed separat. Panel Cab.625X2000
1/320620	Vert. Meshed separat. Panel Cab.625X2200

Code	Description
S/2506	Horizontal separat. Panel 250X625
S/2508	Horizontal separat. Panel 250X800
S/2510	Horizontal separat. Panel 250X1000
S/0406	Horizontal separat. Panel 400X625
S/0408	Horizontal separat. Panel 400X800
S/0410	Horizontal separat. Panel 400X1000
S/0506	Horizontal separat. Panel 500X625
S/0508	Horizontal separat. Panel 500X800
S/0510	Horizontal separat. Panel 500X1000
S/0606	Horizontal separat. Panel 625X625
S/0608	Horizontal separat. Panel 625X800
S/0610	Horizontal separat. Panel 625X1000

## Finishing accessories



### LIFTING BARS

Code	Description
BL6	2 Lifting Bars for Cabinet W=625
BL62	2 Lifting Bars for Cabinet W =625+200
BL64	2 Lifting Bars for Cabinet W =625+400
BL8	2 Lifting Bars for Cabinet W =800
BL82	2 Lifting Bars for Cabinet W =800+200
BL84	2 Lifting Bars for Cabinet W =800+400
BL10	2 Lifting Bars for Cabinet W =1000
BL12	2 Lifting Bars for Cabinet W =1200
SBL	Lifting bars Reinforcement Bracket

### PLENUMS

Code	Description
TR1	Raised Plenum on Roof
TRK	Under Plenum galvanised. Cab. IP54 12x300x400
TVQ1191	Plenum with Filter + Fan 119X119 115 V
TVQ1192	Plenum with Filter + Fan 119X119 220 V
TVQ1501	Plenum with Filter + Fan 150X150 115 V
TVQ1502	Plenum with Filter + Fan 150X150 220 V

### GRILLES AND FANS

Code	Description
GRF12	Ventilation Grille 130X130 IP43
GRV12	Fan + Filter 130X130 IP43
GRF25	Ventilation Grille 255X255 IP43
GRV25	Fan + Filter 255X255 IP43

### LOCKS

Code	Description
6/5830	Revolving Lock with Key (YALE)
2/4500	4-Point Lock with triangular Key
6/5800	Cross Handle Lock + Key
2/5700	Locking Handle with Key for Cable Duct

### OTHER ACCESSORIES

Code	Description
150/1	Stacking Set for Cabinet IP30
150	Stacking Set for Cabinet IP54
2/322	Bracket for 22.5mm Buttons Pathway
2/368	Bracket for 68x68mm Instruments Pathway
2/392	Bracket for 92x92mm Instruments Pathway
2/2000	Adhesive document Pouch 30x235x220



simple ideas for great projects

**LAFER S.R.L. Headquarters**  
Brendola (Vicenza) - Italia - Via L. Einaudi, 90  
Customer Service (+39) 0444 490562  
E-mail: [lafer@lafer.it](mailto:lafer@lafer.it)  
[www.lafer.it](http://www.lafer.it)

Lafer S.r.l. declares that the products in the catalogue are manufactured according to safety requirements CEI EN 61439-1 and comply with the respective standards specified in the text.

The Products presented in the catalogue can consequently bear the "CE" mark by virtue of the certifications our structures obtained by C.E.S.I.

The products present in this catalogue may be subject to variation due to Lafer's improvement policy

**Certified Quality.**

**LAFER means quality, certified by CSQ and by ISO 9001.**

