

Compact

Flexible and adaptable in all circumstances

In the latest years, as result of analysis of market requirements, this cabinets series has been employed with ever increasing frequency in manifold energy distribution sectors (up to In=1600 A). The Compact cabinets can adapt to all cabling systems, guaranteeing maximum flexibility and easy replacement of their structural components.

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



The everyday relationship between our company and the insiders allowed our engineers to identify the various wiring typologies adopted by the operators, and therefore to precisely define the completion accessories according to different assembling solutions.

The result of our researches has been carefully weighted before reaching its official market introduction: our technology is subject of continuous improvements, proving that Lafer is the ideal partner for the most demanding Italian and foreign companies.

Characteristics Compact

- IP30 Protection level for the open version and IP54 when fitted with a transparent tempered glass door.
- 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 upon request).
- Fully modular systems that can be constantly expanded with the possibility of 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 lock 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 of 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 with trans-pallets and forklift trucks.
- **Upon request the structure can be made of stainless steel**

Series: FV - IP54 and FG - IP30 open

FV - IP54

Basic cabinet complete with: main structure, rear panel, internal frames to secure hinged panels and inner door, removable rear and side plates on the plinth for cables passage (cable passage on the top upon request), transparent tempered glass door, 4 point lock.

All finishing accessories are available in the following list.



FG - IP30 open

Basic cabinet complete with: main structure, rear panel, removable rear and side plates on the plinth for cables passage (cable passage on the top upon request). Door without gaskets, complete with hinges and closing screws, to secure hinged panels.

All finishing accessories are available in the following list.



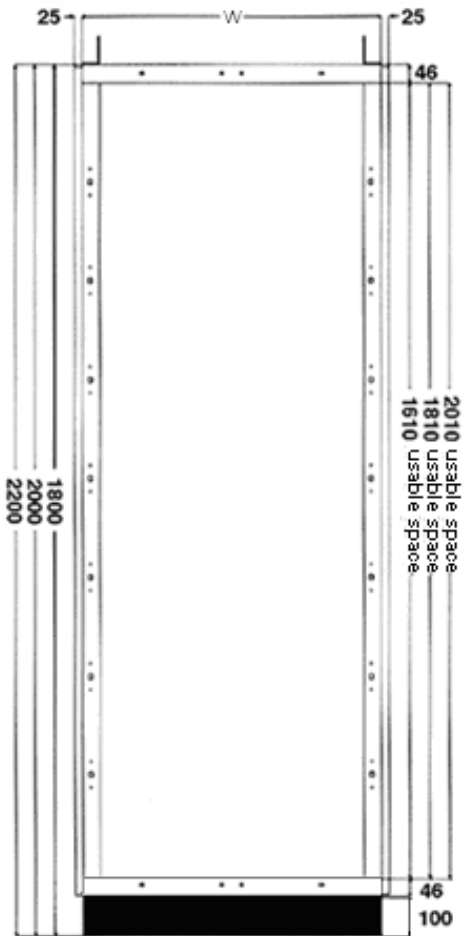
REFERRING TABLE FOR CABINETS COMPOSITION SERIES "FV" and "FG"

Depth	Code	Width	Code	Height	Code
250	3	625	6	1800	1
400	4	800	8	2000	2
500	5	1000	1	2200	4
625	6				

Composition examples:

1. Cabinet IP54, Depth 250 mm, Width 625 mm, Height 1800 mm (FV+3+6+1)=**FV361**
2. Cabinet IP30 open, Depth 500 mm, Width 625 mm, Height 2000 mm (FG+5+6+2)=**FG562**

Series: FV - IP54 and FG - IP30 open



H = HEIGHT

Series FV - IP54 - IP30 and Series FG - IP30

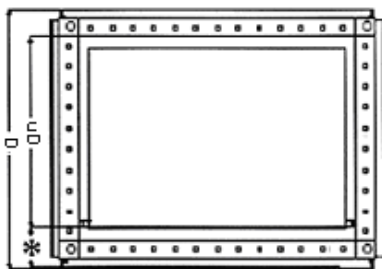
Height	Usable internal space mm	Modular rows (200 mm) No.
1800	1610	8
2000	1810	9
2200	2010	10

Upon request: plinth H=200 mm

W = WIDTH

Series FV - IP54 - IP30 and Series FG - IP30

Width	W without sides mm	Usable internal space mm
625	578	486
800	752	660
1000	952	860



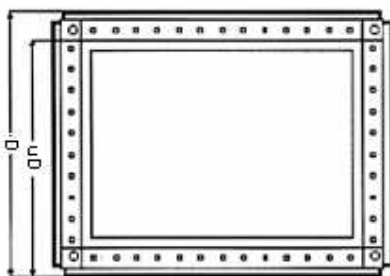
D = DEPTH

Series FV - IP54

Depth	uD (usable internal space) mm
250	135
400	260
500	360
625	485

* = Usable internal space between internal door and transparent door:

- 70 mm on cabinet Depth 250
- 92 mm on cabinet Depth 400-500-625



D = DEPTH

Series FG - IP30

Depth	uD (usable internal space) mm
250	190
400	348
500	448
625	573

Series: FC - IP54 and FO - IP30 open

FC - IP54

Basic cabinet complete with: main structure, cable duct (right or left), 2 rear panels, internal frames to secure hinged panels and inner door, removable rear and side plates on the plinth for cables passage (cable passage on the top upon request), transparent tempered glass door, 4 point lock.

All finishing accessories are available in the following list.



FO - IP30 open

Basic cabinet complete with: main structure, cable duct (right or left), 2 rear panels, removable rear and side plates on the plinth for cables passage (cable passage on the top upon request). Door without gaskets, complete with hinges and closing screws, to secure hinged panels.

All finishing accessories are available in the following list.



REFERRING TABLE FOR CABINETS COMPOSITION SERIES "FC" and "FO"

Depth	Code	Width	Code	Height	Code
250	3	625+200 (920)	62	1800	1
400	4	625+400 (1030)	64	2000	2
500	5	800+200 (1094)	82	2200	4
625	6	800+400 (1204)	84		
		1000+200 (1294)	12		

Composition examples:

- Cabinet IP54, Depth 250 mm, Width 625+200 mm, Height 1800 mm (FC+3+62+1)=**FC3621**
- Cabinet IP30 open, Depth 500 mm, Width 1000+200 mm, Height 2000 mm (FO+5+12+2)=**FO5122**

Series: FC - IP54 e FO - IP30 open



H = HEIGHT

Series FC - IP54 - IP30 and Series FO - IP30

Height Usable internal space Modular rows (200 mm) No.

1800	1610	8
2000	1810	9
2200	2010	10

Upon request: plinth H=200 mm

W = WIDTH

Series FC - IP54 - IP30 and Series FO - IP30

Width W with sides mm W without sides mm Usable internal space mm

625+200	920	872	486+200
625+400	1030	982	486+310
800+200	1094	1046	660+200
800+400	1204	1156	660+310
1000+200	1294	1246	860+200

D = DEPTH

Series FC - IP54

Depth uD (usable internal space) mm

250	135
400	260
500	360
625	486

* = Usable internal space between internal door and transparent door:

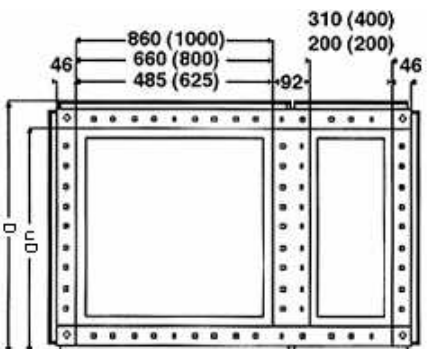
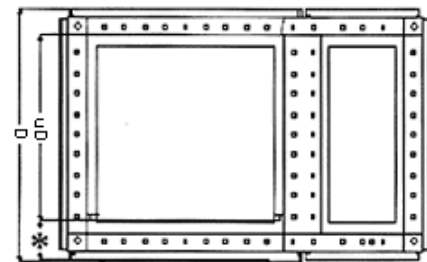
- 70 mm on cabinet Depth 250
- 92 mm on cabinet Depth 400-500-625

D = DEPTH

Series FO - IP30

Depth uD (usable internal space) mm

250	190
400	348
500	448
625	573



FL - IP54

Basic enclosure system complete with: double cabinet structure, 2 rear panels, internal frames to secure hinged panels and inner door, removable rear and side plates on the plinth for cables passage (cable passage on the top upon request), transparent tempered glass door, 4 point lock.

All finishing accessories are available in the following list.



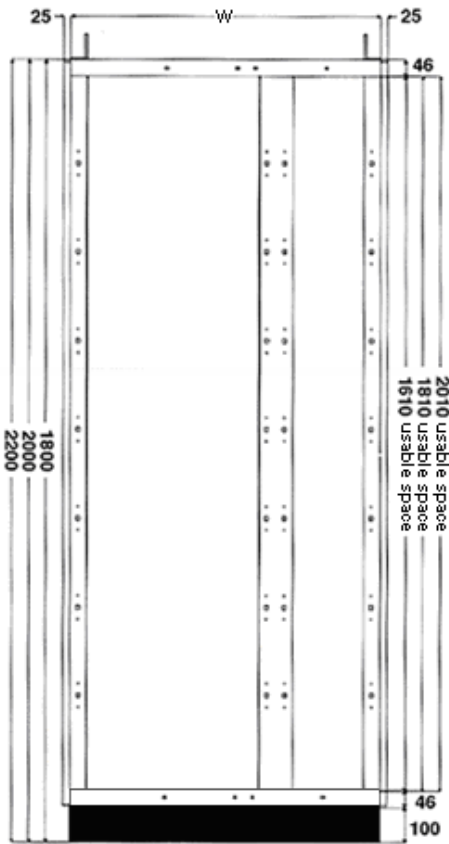
REFERRING TABLE FOR CABINETS COMPOSITION SERIES "FL"

Depth	Code	Width	Code	Height	Code
400	4	1200	12	1800	1
500	5	1550	16	2000	2
625	6			2200	4

Composition examples:

- 5. Cabinet IP54, Depth 400 mm, Width 1200 mm, Height 1800 mm (FL+4+12+1)=**FL4121**

Series: FL - IP54



H = HEIGHT

Series FL - IP54

Height Usable internal space mm Modular rows (200 mm) No.

Height	Usable internal space mm	Modular rows (200 mm) No.
1800	1610	8+8
2000	1810	9+9
2200	2010	10+10

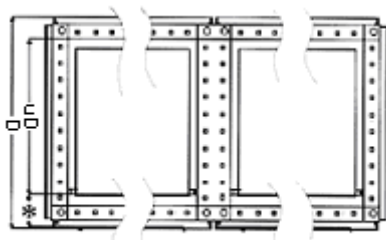
Upon request: plinth H=200 mm

W = WIDTH

Series FL - IP54

Width W without sides mm Usable internal space mm

Width	W without sides mm	Usable internal space mm
1200	1152	486+486
1550	1502	660+660



D = DEPTH

Series FL - IP54

Depth uD (usable internal space) mm

Depth	uD (usable internal space) mm
400	260
500	360
625	486

* = Usable internal space between internal door and transparent door:

- 70 mm on cabinet Depth 250
- 92 mm on cabinet Depth 400-500-625

Series: WA - IP54 and WG - IP30

WA – IP54

Additional cable duct, complete with: main structure, rear panel, removable rear and side plates on the plinth for cables passage, opening on the top and blind door.



WG – IP30

Additional cable duct, complete with: main structure, rear panel, removable rear and side plates on the plinth for cables passage, opening on the top and blind door.



REFERRING TABLE FOR CABINETS COMPOSITION SERIES "WA" and "WG"

Depth	Code	Width	Code	Height	Code
400	4	1200	12	1800	1
500	5	1550	16	2000	2
625	6			2200	4

Composition examples:

6. Cabinet IP54, Depth 250 mm, Width 200 mm, Height 1800 mm (WA+3+2+1)=**VA321**
7. Cabinet IP30, Depth 625 mm, Width 400 mm, Height 2200 mm (WG+6+4+4)=**VG644**

Series: WA IP54 and WG IP30



H = HEIGHT

Series WA - IP54 and WG - IP30

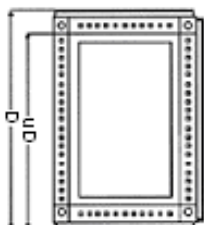
Height	Usable internal space mm
1800	1610
2000	1810
2200	2010

Upon request: plinth H=200 mm

W = WIDTH

Series WA - IP54

Width Code	Actual Width mm	Usable internal space mm
200	292	200
400	400	308



D = DEPTH

Series WA - IP54 and WG - IP30

Depth	uD (useful internal space) mm
250	181
400	331
500	431
625	556

Compact Series: Standard accessories



Compact Series: Standard accessories



01 – 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

02 – SLOTTED SIDE PANELS



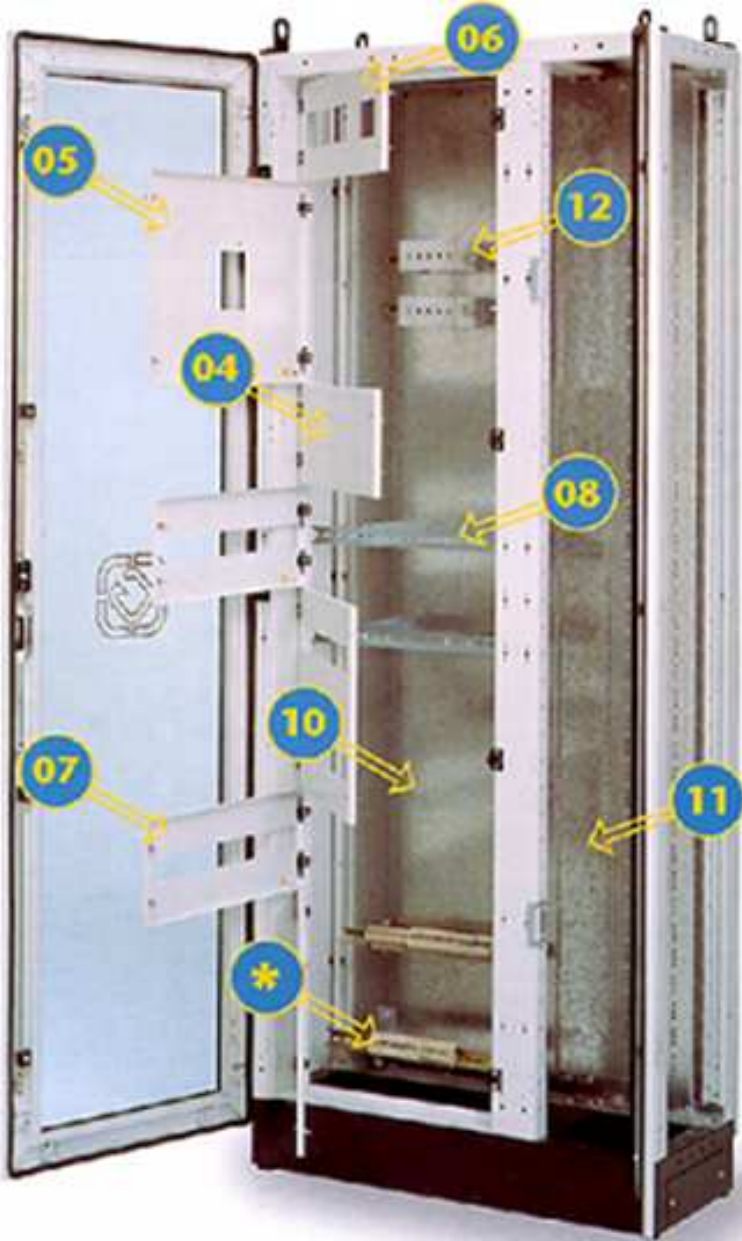
Code	Description
PLF2516	2 Slotted side panels for Cab. 250X1800
PLF2518	2 Slotted side panels for Cab. 250X2000
PLF2520	2 Slotted side panels for Cab. 250X2200
PLF4016	2 Slotted side panels for Cab. 400X1800
PLF4018	2 Slotted side panels for Cab. 400X2000
PLF4020	2 Slotted side panels for Cab. 400X2200
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



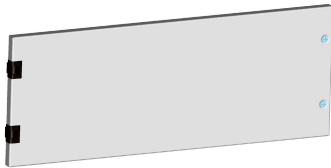
03 – INNER DOORS

Code	Description
CP1	Inner door for Cab. 625X1800 (462x1590)
CP2	Inner door for Cab. 625X2000 (462x1790)
CP3	Inner door for Cab. 625X2200 (462x1990)
CP4	Inner door for Cab. 800X1800 (636x1590)
CP5	Inner door for Cab. 800X2000 (636x1790)
CP6	Inner door for Cab. 800X2200 (636x1990)
CP7	Inner door for Cab. 1000X1800 (836x1590)
CP8	Inner door for Cab. 1000x2000 (836x1790)
CP9	Inner door for Cab. 1000x2200 (836x1990)

Compact Series: Wiring



04 – BLANK HINGED PANELS

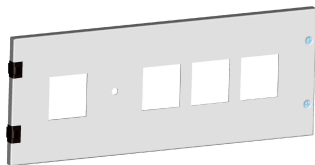


Code	Description
13601	Blank hinged panel L=625 H=100 (470x100)
13615	Blank hinged panel L=625 H=150 (470x150)
1362	Blank hinged panel L=625 H=200 (470x200)
1363	Blank hinged panel L=625 H=300 (470x300)
1364	Blank hinged panel L=625 H=400 (470x400)
1365	Blank hinged panel L=625 H=500 (470x500)
1366	Blank hinged panel L=625 H=600 (470x600)
1367	Blank hinged panel L=625 H=700 (470x700)
1368	Blank hinged panel L=625 H=800 (470x800)
13801	Blank hinged panel L=800 H=100 (644x100)
13815	Blank hinged panel L=800 H=150 (644x150)
1382	Blank hinged panel L=800 H=200 (644x200)
1383	Blank hinged panel L=800 H=300 (644x300)
1384	Blank hinged panel L=800 H=400 (644x400)
1385	Blank hinged panel L=800 H=500 (644x500)
1386	Blank hinged panel L=800 H=600 (644x600)
1387	Blank hinged panel L=800 H=700 (644x700)
1388	Blank hinged panel L=800 H=800 (644x800)
1312	Blank hinged panel L=1000 H=200 (844x200)
13101	Blank hinged panel L=1000 H=100 (844x100)
13115	Blank hinged panel L=1000 H=150 (844x150)
1313	Blank hinged panel L=1000 H=300 (844x300)
1314	Blank hinged panel L=1000 H=400 (844x400)
1315	Blank hinged panel L=1000 H=500 (844x500)
1316	Blank hinged panel L=1000 H=600 (844x600)
1317	Blank hinged panel L=1000 H=700 (844x700)
1318	Blank hinged panel L=1000 H=800 (844x800)



05 – PRE-CUT HOLES

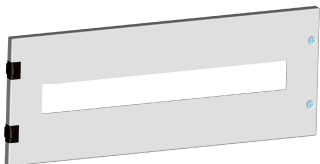
Code	Description
256	Panel hole IP=54



06 – PRE-DRILLED HINGED PANELS FOR DEVICES / SELECTOR SWITCHES

Code	Size	Devices
1306468	625 x 200 (470x200)	4devices 72x72
1306492	625 x 200 (470x200)	4devices 96x96
1306292C	625 x 200 (470x200)	2devices 96x96+2switches
1306268C	625 x 200 (470x200)	2devices 72x72+2switches
1306468C	625 x 200 (470x200)	4devices 72x72+1switch
1306492C	625 x 200 (470x200)	4devices 96x96+1switch
1308292C	800 x 200 (644x200)	2devices 96x96+2switches
1308268C	800 x 200 (644x200)	2devices 72x72+2switches
1308468C	800 x 200 (644x200)	4devices 72x72+1switch
1308492C	800 x 200 (644x200)	4devices 96x96+1switch
1310468C	1000 x 200 (844x200)	4devices 72x72+1switch
1310492C	1000 x 200 (844x200)	4devices 96x96+1switch

07 – PRE-DRILLED HINGED PANELS FOR MINIATURE CIRCUIT BREAKERS

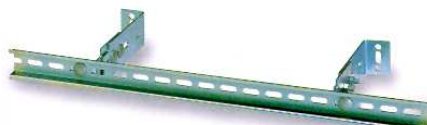


Code	Description
M16	Hinged panel W=625/24 Modules (470x150)
M06	Hinged panel W=625/24 Modules (470x200)
130603	Hinged panel W=625/24 Modules (470x300)
M26	Hinged panel W=625/48 Modules (470x400)
130606	Hinged panel W=625/72 Modules (470x600)
130608	Hinged panel W=625/96 Modules (470x800)
130610	Hinged panel W=625/120 Modules (470x1000)
M18	Hinged panel W=800/36 Modules (644x150)
M08	Hinged panel W=800/34 Modules (644x200)
130803	Hinged panel W=800/34 Modules (644x300)
M28	Hinged panel W=800/68 Modules (644x400)
130806	Hinged panel W=800/102 Modules (644x600)
130808	Hinged panel W=800/102 Modules (644x600)
130810	Hinged panel W=800/170 Modules (644x1000)
M11	Hinged panel W=1000/46 Modules (844x150)
M10	Hinged panel W=1000/46 Modules (844x200)
131003	Hinged panel W=1000/46 Modules (844x300)
M20	Hinged panel W=1000/92 Modules (844x400)
131006	Hinged panel W=1000/138 Modules (844x600)

08 – 2 FIXED RISERS + DIN RAIL



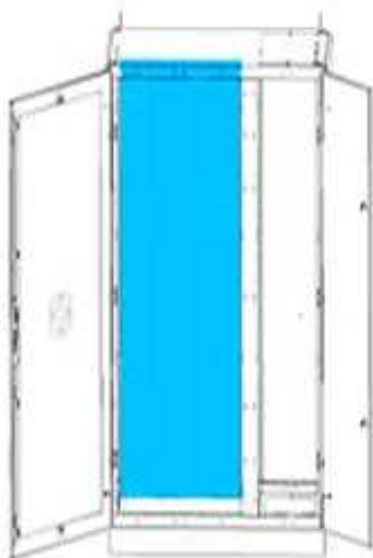
Code	Description
WF26	2 Fixed risers + Din rail W=625 X 24Modules D=250
WF28	2 Fixed risers + Din rail W=800 X 34Modules D=250
WF210	2 Fixed risers + Din rail W=1000 X 46Modules D=250
WF6	2 Fixed risers + Din rail W=625 X 24Modules D=400
WF8	2 Fixed risers + Din rail W=800 X 34Modules D=400
WF10	2 Fixed risers + Din rail W=1000 X 46Modules D=400



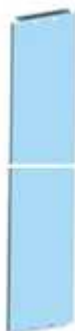
09 – 2 ADJUSTABLE RISERS + DIN RAIL

Code	Description
W6	2 Adjustable risers + Din rail W=625 X 24Modules
W8	2 Adjustable risers + Din rail W=800 X 34Modules
W10	2 Adjustable risers + Din rail W=1000 X 46Modules

10 – WIRING PANELS ZINC PLATED (SENDZIMIR)

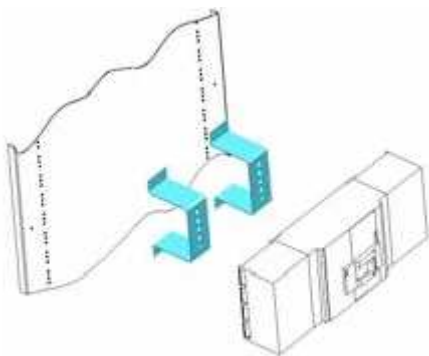


Code	Description
10616	Wiring panel 625X1600 (470X1595)
10618	Wiring panel 625X1800 (470X1795)
10620	Wiring panel 625X2000 (470X1995)
10816	Wiring panel 800X1600 (640X1595)
10818	Wiring panel 800X1800 (640X1795)
10820	Wiring panel 800X2000 (640X1995)
11016	Wiring panel 1000X1600 (840X1595)
11018	Wiring panel 1000X1800 (840X1795)
11020	Wiring panel 1000X2000 (840X1995)
16216	Wiring panel 625+200 X 1600 (760X1595)
16218	Wiring panel 625+200 X 1800 (760X1795)
16220	Wiring panel 625+200 X 2000 (760X1995)
16416	Wiring panel 625+400 X 1600 (872X1595)
16418	Wiring panel 625+400 X 1800 (872X1795)
16420	Wiring panel 625+400 X 2000 (872X1995)
16216	Wiring panel 625+200 X 1600 (760X1595)
16218	Wiring panel 625+200 X 1800 (760X1795)
16220	Wiring panel 625+200 X 2000 (760X1995)
16416	Wiring panel 625+400 X 1600 (872X1595)
16418	Wiring panel 625+400 X 1800 (872X1795)
16420	Wiring panel 625+400 X 2000 (872X1995)
18216	Wiring panel 800+200 X 1600 (934X1595)
18218	Wiring panel 800+200 X 1800 (934X1795)
18220	Wiring panel 800+200 X 2000 (934X1995)
18416	Wiring panel 800+400 X 1600 (1062X1595)
18418	Wiring panel 800+400 X 1800 (1062x1795)
18420	Wiring panel 800+400 X 2115 (1046X1995)



11 – VERTICAL COMPENSATION PANELS BETWEEN WIRING PANELS

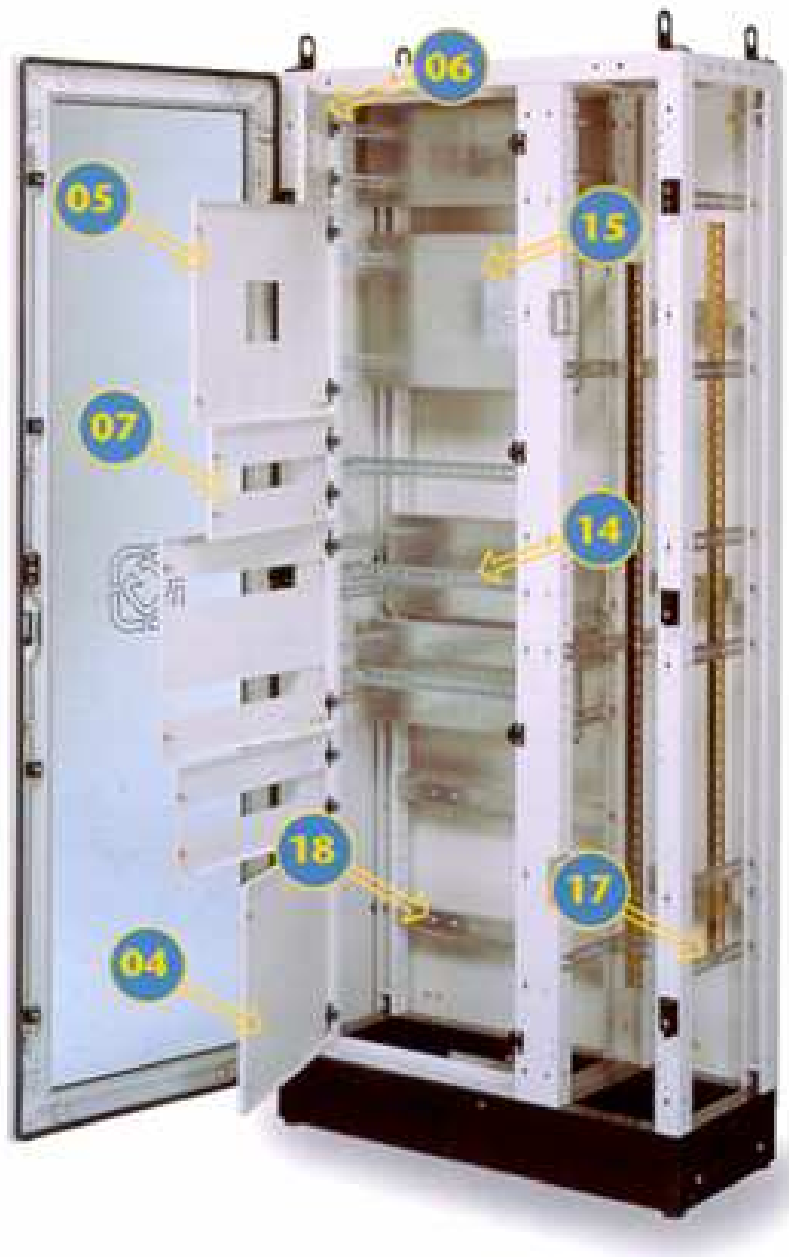
Code	Description
0/3316	Vertical comp. panels H=1800 (105X1595)
0/3318	Vertical comp. panels H=2000 (105X1795)
0/3320	Vertical comp. panels H=2200 (105X1995)



12 – FIXING RISERS FOR MOULDED CASE CIRCUIT BREAKERS WITH FRONT TERMINAL

Risers are measured according to the brand and to the type of moulded case circuit breakers

Compact Series: Front frames wiring



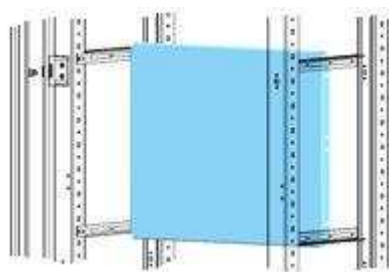
Compact Series: Front frames wiring

14 – 2 RISERS + DIN RAIL FIXED ON INTERNAL FRAME



Code	Description
WC6	Risers + Din rail on internal frame W=625 24Modules
WC8	Risers + Din rail on internal frame W=800 34Modules
WC10	Risers + Din rail on internal frame W=1000 46Modules

15 – ZINC-PLATED MODULAR WIRING PANELS, ADJUSTABLE



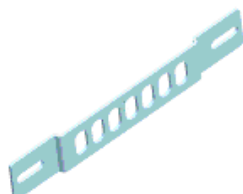
Code	Description
602	Modular plates (Bent) 200h – Cab. 625w
603	Modular plates (Bent) 300h - Cab. 625w
604	Modular plates (Bent) 400h – Cab. 625w
605	Modular plates (Bent) 500h - Cab. 625w
606	Modular plates (Bent) 600h - Cab. 625w
608	Modular plates (Bent) 800h - Cab. 625w
802	Modular plates (Bent) 200h – Cab. 800w
803	Modular plates (Bent) 300h – Cab. 800w
804	Modular plates (Bent) 400h – Cab. 800w
805	Modular plates (Bent) 500h – Cab. 800w
806	Modular plates (Bent) 600h – Cab. 800w
808	Modular plates (Bent) 800h – Cab. 800w
902	Modular plates (Bent) 200h – Cab. 1000w
903	Modular plates (Bent) 300h – Cab. 1000w
904	Modular plates (Bent) 400h – Cab. 1000w
905	Modular plates (Bent) 500h – Cab. 1000w
906	Modular plates (Bent) 600h – Cab. 1000w
908	Modular plates (Bent) 800h – Cab. 1000w

16 – INTERNAL SUPPORTS FOR ZINC-PLATED MODULAR PANELS



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
1/0823	Internal support 23 W=800 Frame mounted
1/1023	Internal support 23 W=1000 Frame mounted

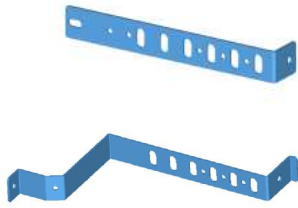
17 – CABLES ANCHORING STRIP



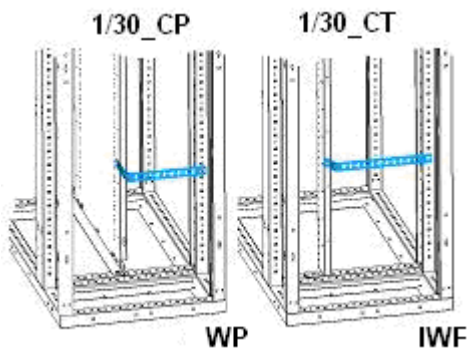
Code	Description
2/0423	Cable anchoring strip H=30 W=400
2/0523	Cable anchoring strip H=30 W=500
2/0623	Cable anchoring strip H=40 W=625
2/2023	Cable anchoring strip W=2000

Compact Series: Front frames wiring

– TERMINAL BLOCK AND CABLEWAY BRACKETS



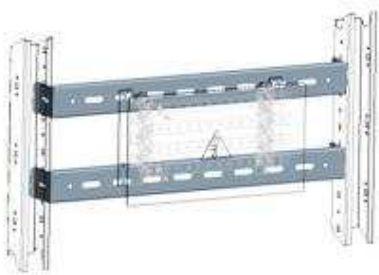
Code	Description
2/3022	Term.Block/C.Way Bracket w200 d250
2/3024C	Term.Block/C.Way Bracket in cable duct w200 d400
2/3042	Term.Block/C.Way Bracket w400 d250
2/3044C	Term.Block/C.Way Bracket in cable duct w400 d400
2/304C	Term.Block mutual Bracket, mutual d400



– TERMINAL BLOCK/CABLEWAY BRACKETS (INTERNAL WIRING FRAME - WIRING PANEL)

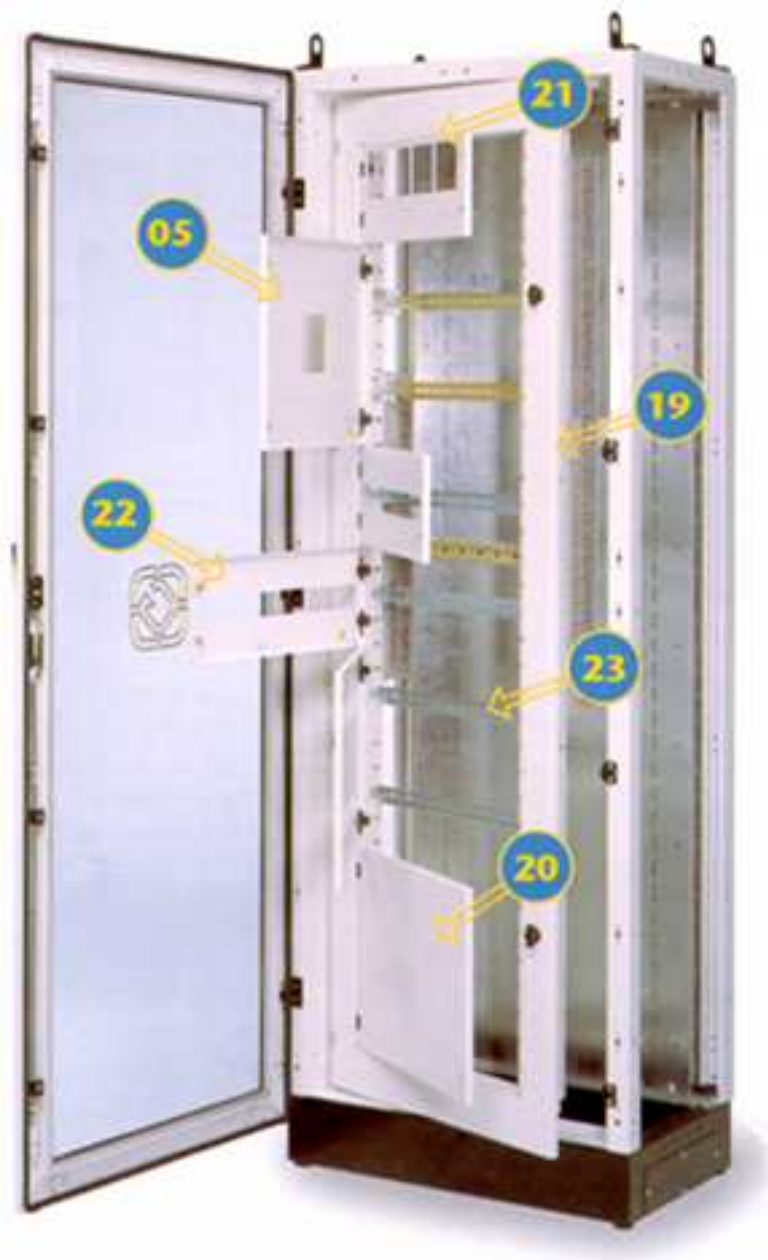
Code	Description
2/305CT	Term. Block C.way Bracket d500 for I.W.F.
2/306CP	Term. Block C.way Bracket d625 for W.P.
2/306CT	Term. Block C.way Bracket d625 for I.W.F.

18 – SUPPORTS FOR BAR SYSTEM, PATHWAY, TERMINAL BLOCK



Code	Description
2/3006	Bracket C.way/Terminal block – Cabinet W=625
2/3008	Bracket C.way/Terminal block – Cabinet W=800
2/3010	Bracket C.way/Terminal block – Cabinet W=1000
2/3020	Bracket C.way/Terminal block in cable duct 200
2/3040	Bracket C.way/Terminal block in cable duct 400
2/3824	Sloped Bracket f. bar system in cable duct W200 D400
2/3844	Sloped Bracket f. bar system in cable duct W400 D400

Compact Series: Swivel frame wiring



SWIVEL FRAME

The swivel frame has been conceived to radically improve and ease operations on electrical panels.

It is like having two panels in one: the moulded case and miniature circuit breakers can be placed on the front side, while all those devices, which once required the employ of another structure, can be installed on the rear side.

N.B.: this frame solution can be applied to cabinets with minimum depth 500 mm and up to rated current=250A.

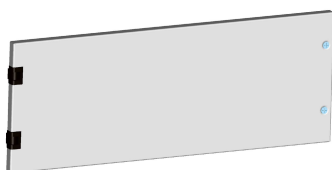
Compact Series: Swivel frame wiring



19 – SWIVEL FRAME

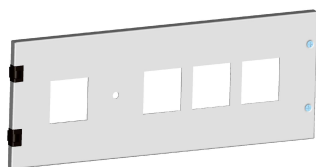
Code	Description
TG62	Swivel frame mod/row16 h1600mm-cab. 625x1800
TG63	Swivel frame mod/row16 h1800mm-cab. 625X2000
TG64	Swivel frame mod/row16 h2000mm-cab. 625X2200
TG82	Swivel frame mod/row24 h1600mm-cab. 800X1800
TG83	Swivel frame mod/row24 h1800mm-cab. 800X2000
TG84	Swivel frame mod/row24 h2000mm-cab. 800X2200
TG13	Swivel frame mod/row24 h1800mm-cab. 1000X2000
TG14	Swivel frame mod/row34 h2000mm-cab. 1000X2200

20 – BLANK HINGED PANELS



Code	Description
13515	Blank hinged panel W=500 H=150-cab. 625
1352	Blank hinged panel W=500 H=200-cab. 625
1353	Blank hinged panel W=500 H=300-cab. 625
1354	Blank hinged panel W=500 H=400-cab. 625
1356	Blank hinged panel W=500 H=600-cab. 625
1358	Blank hinged panel W=500 H=800-cab. 625
13510	Blank hinged panel W=500 H=1000-cab. 625
13512	Blank hinged panel W=500 H=1200-cab. 625
13615	Blank hinged panel W=625 H=150-cab. 800
1362	Blank hinged panel W=625 H=200-cab. 800
1363	Blank hinged panel W=625 H=300-cab. 800
1364	Blank hinged panel W=625 H=400-cab. 800
1366	Blank hinged panel W=625 H=600-cab. 800
1368	Blank hinged panel W=625 H=800-cab. 800
13610	Blank hinged panel W=625 H=1000-cab. 800
13612	Blank hinged panel W=625 H=1200-cab. 800
13815	Blank hinged panel W=800 H=150-cab. 1000
1382	Blank hinged panel W=800 H=200-cab. 1000
1383	Blank hinged panel W=800 H=300-cab. 1000
1384	Blank hinged panel W=800 H=400-cab. 1000
1386	Blank hinged panel W=800 H=600-cab. 1000
1388	Blank hinged panel W=800 H=800-cab. 1000
13810	Blank hinged panel W=800 H=1000-cab. 1000
13812	Blank hinged panel W=800 H=1200-cab. 1000

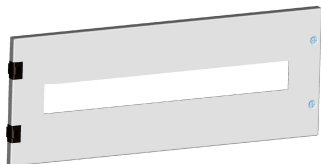
21 – PRE-DRILLED HINGED PANELS FOR DEVICES / SELECTOR SWITCHES



Code	Description	Devices
1306468	Hinged holed panel h200 Cab. 625	4 devices 72x72mm
1306492	Hinged holed panel h200 Cab. 625	4 devices 96x96mm
1306292C	Hinged holed panel h200 Cab. 625	2dev.96x96+2switches
1306268C	Hinged holed panel h200 Cab. 625	2dev.72x72+2switches
1306468C	Hinged holed panel h200 Cab. 625	4dev.72x72+1switch
1306492C	Hinged holed panel h200 Cab. 625	4dev.96x96+1switch
1308292C	Hinged holed panel h200 Cab. 800	2dev.96x96+2switches
1308268C	Hinged holed panel h200 Cab. 800	2dev.72x72+2switches
1308468C	Hinged holed panel h200 Cab. 800	4dev.72x72+1switch
1308492C	Hinged holed panel h200 Cab. 800	4dev.96x96+1switch

Compact Series: Swivel frame wiring

22 – PRE-DRILLED HINGED PANELS FOR MINIATURE CIRCUIT BREAKERS



Code	Description
130515	Hinged panel 16/ Modules H=150 Cab. 625
130502	Hinged panel 16/ Modules H=200 Cab. 625
130503	Hinged panel 16/ Modules H=300 Cab. 625
130504	Hinged panel 16/ Modules H=400 Cab. 625
M16	Hinged panel 24/ Modules H=150 Cab. 800
M06	Hinged panel 24/ Modules H=200 Cab. 800
130603	Hinged panel 24/ Modules H=300 Cab. 800
M26	Hinged panel 48/ Modules H=400 Cab. 800
130606	Hinged panel 72/ Modules H=600 Cab. 800
130608	Hinged panel 96/ Modules H=800 Cab. 800
130610	Hinged panel 120/ Modules H=800 Cab. 800
M18	Hinged panel 34/ Modules H=150 Cab. 1000
M08	Hinged panel 34/ Modules H=200 Cab. 1000
130803	Hinged panel 34/ Modules H=300 Cab. 1000
M28	Hinged panel 68/ Modules H=400 Cab. 1000
130806	Hinged panel 102/ Modules H=600 Cab. 1000
130808	Hinged panel 136/ Modules H=800 Cab. 1000
130810	Hinged panel 170/ Modules H=1000 Cab. 1000



23 – 2 BRACKETS + DIN RAIL – ON SWIVEL FRAME

Code	Description
WG6	2 Brackets + Din Rail f. Swivel Frame/Cab.625/16Modules
WG8	2 Brackets + Din Rail f. Swivel Frame/Cab.800/24Modules
WG10	2 Brackets + Din Rail f. Swivel Frame/Cab.1000/34Modules

Compact Series: Internal frame wiring

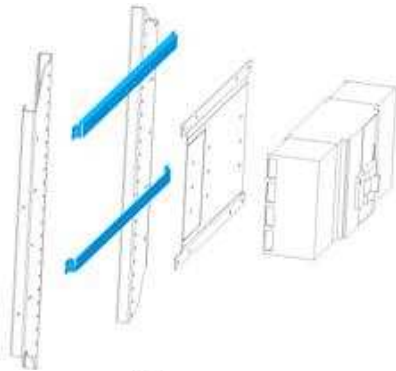


Compact Series: Internal frame wiring

25 – INTERNAL WIRING FRAME

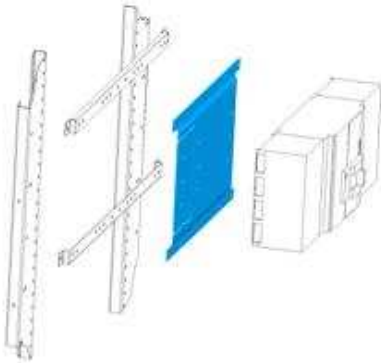


Code	Description
TF62	Internal wiring Frame / Cab. 625X1800
TF63	Internal wiring Frame / Cab. 625X2000
TF64	Internal wiring Frame / Cab. 625X2200
TF82	Internal wiring Frame / Cab. 800X1800
TF83	Internal wiring Frame / Cab. 800X2000
TF84	Internal wiring Frame / Cab. 800X2200
TF02	Internal wiring Frame / Cab. 1000X1800
TF03	Internal wiring Frame / Cab. 1000X2000
TF04	Internal wiring Frame / Cab. 1000X2200



26 – FIXING BRACKETS FOR MOULDED CASE CIRCUIT BREAKERS PLATES

Code	Description
T7S	2 Fixing brackets f. moulded case c.break. plate w625
T8S	2 Fixing brackets f. moulded case c.break. plate w800
T10S	2 Fixing brackets f. moulded case c.break. plate w1000



MOULDED CASE CIRCUIT BREAKERS FIXING PLATES Plates are measured according to the brand and the type of moulded case circuit breaker

Code	Description
T/P1	Moulded case c. breaker standard plate



27 – PAIR OF RISERS + DIN RAIL

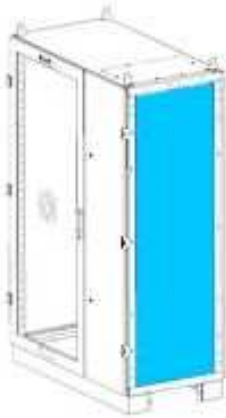
Code	Description
T6	2 Risers + Din Rail W=625 X 24Modules
T8	2 Risers + Din Rail W=800 X 34Modules
T10	2 Risers + Din Rail W=1000 X 46Modules

Compact Series: Internal accessories



Compact Series: Internal accessories

28 – VERTICAL SEPARATING BLIND PANELS



Code	Description
0/322516	Vertical separating Blind Panel /Cab. 250x1800
0/322518	Vertical separating Blind Panel /Cab. 250X2000
0/322520	Vertical separating Blind Panel /Cab. 250X2200
0/320416	Vertical separating Blind Panel /Cab. 400X1800
0/320418	Vertical separating Blind Panel /Cab. 400X2000
0/320420	Vertical separating Blind Panel /Cab. 400X2200
0/320516	Vertical separating Blind Panel /Cab. 500X1800
0/320518	Vertical separating Blind Panel /Cab. 500X2000
0/320520	Vertical separating Blind Panel /Cab. 500X2200
0/320616	Vertical separating Blind Panel /Cab. 625X1800
0/320618	Vertical separating Blind Panel /Cab. 625X2000
0/320620	Vertical separating Blind Panel /Cab. 625X2200

29 – VERTICAL SEPARATING MESHED PANELS



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

30 – HORIZONTAL SEPARATING PLATE FOR WIRING PANELS



Code	Description
S/2506	Hor. Separat. plate - Wiring Panel / Cab. 250X625
S/2508	Hor. Separat. plate - Wiring Panel / Cab. 250X800
S/2510	Hor. Separat. plate - Wiring Panel / Cab. 250X1000
S/0406	Hor. Separat. plate - Wiring Panel / Cab. 400X625
S/0408	Hor. Separat. plate - Wiring Panel / Cab. 400X800
S/0410	Hor. Separat. plate - Wiring Panel / Cab. 400X1000
S/0506	Hor. Separat. plate - Wiring Panel / Cab. 500X625
S/0508	Hor. Separat. plate - Wiring Panel / Cab. 500X800
S/0510	Hor. Separat. plate - Wiring Panel / Cab. 500X1000
S/0606	Hor. Separat. plate - Wiring Panel / Cab. 625X625
S/0608	Hor. Separat. plate - Wiring Panel / Cab. 625X800
S/0610	Hor. Separat. plate - Wiring Panel / Cab. 625X1000

Compact Series: Internal accessories

- HORIZONTAL SEPARATING PANELS FOR INTERNAL WIRING FRAMES



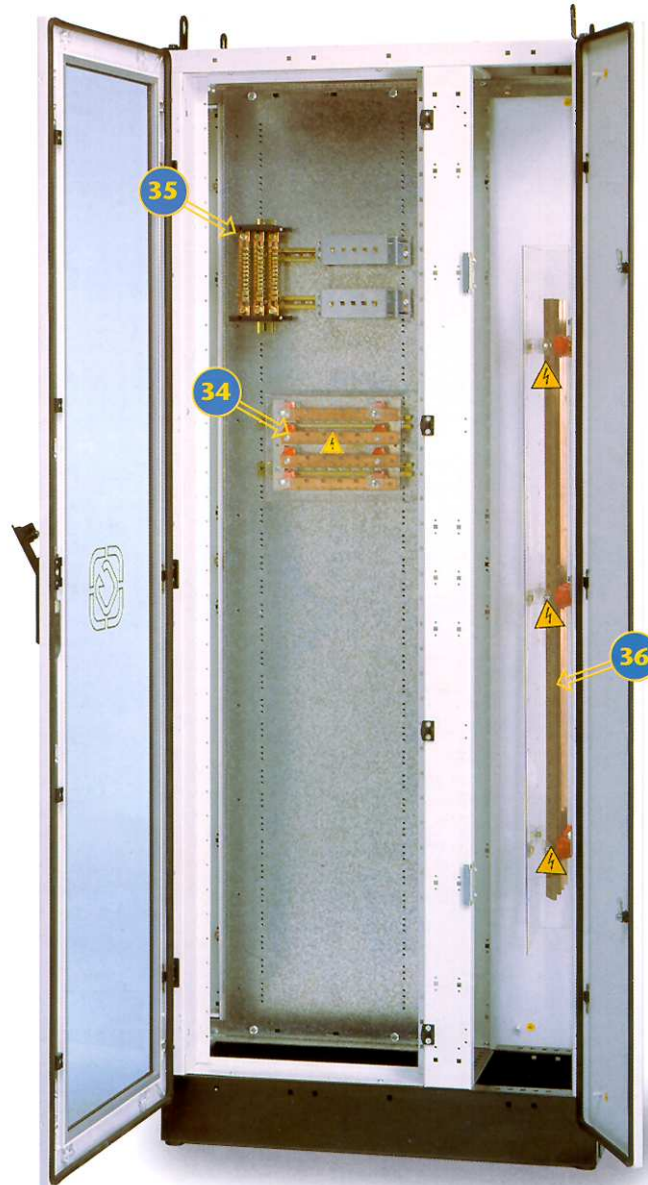
Code	Description
T/2506	Hor. Separator for Cab. 250 / 400X625
T/2508	Hor. Separator for Cab. 250 / 400X800
T/2510	Hor. Separator for Cab. 250 / 400X1000

- FULL DEPTH HORIZONTAL SEPARATING PANELS



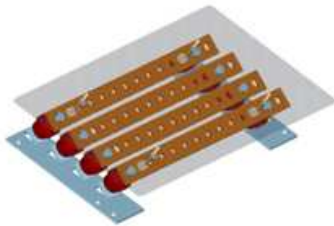
Code	Description
0/310406	Hor. Separat. Panel - full depth / Cab. 400X625
0/310408	Hor. Separat. Panel - full depth / Cab.400X800
0/310410	Hor. Separat. Panel - full depth / Cab.400X1000
0/310506	Hor. Separat. Panel - full depth / Cab.500X625
0/310508	Hor. Separat. Panel - full depth / Cab.500X800
0/310510	Hor. Separat. Panel - full depth / Cab.500X1000
0/310606	Hor. Separat. Panel - full depth / Cab.625X625
0/310608	Hor. Separat. Panel - full depth / Cab.625X800
0/310610	Hor. Separat. Panel - full depth / Cab.625X1000
0/310806	Hor. Separat. Panel - full depth / Cab.800X625
0/310808	Hor. Separat. Panel - full depth / Cab.800X800
0/310810	Hor. Separat. Panel - full depth / Cab.800X1000

Compact Series: Wiring panel busbar systems



Lafer busbar systems incorporate a security polycarbonate separation directly fastened onto the copper bars. Thanks to this security covers the busbar systems can be placed in any manner inside the cabinet. Whatever the case, these separations will always be pre-arranged and ready-to-use.

Compact Series: Wiring panel busbar systems



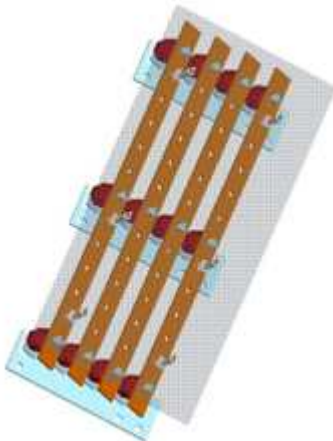
34 – HORIZONTAL BUSBAR SYSTEM Icc 16kA

Code	Description
9002	Horizontal Busbar System 250A
9003	Horizontal Busbar System 400A
9004	Horizontal Busbar System 630A



35 – 4 POLE DISTRIBUTION SYSTEM (100 and 200 A)

Cod	Description
D104	4Pole Distribution System 100A 10+2 Terminals
D108	4Pole Distribution System 200A 14+2 Terminals



36 – VERTICAL BUSBAR SYSTEM, SLOPING Icc 16kA

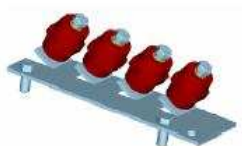
Code	Description
9302	Vertical Busbar System 250A , Sloping W=1200
9303	Vertical Busbar System 400A , Sloping W=1200
9304	Vertical Busbar System 630A , Sloping W=1200

– SLOPING TRACKS



Code	Description
307C	Sloping Track 160-250 Compact system
307D	Sloping Track (Right) 160-250 A
307S	Sloping Track (Left) 160-250 A
309D	Sloping Track (Right) 400-630 A
309S	Sloping Track (Left) 400-630 A
310	Three phase sloping Track Icc 60kA
410	Sloping track with 4 Poles Icc 60kA

– SLOPING TRACKS + INSULATORATORS



Code	Description
CS/3	Sloping track with 3 Poles + Insulator Icc 60kA
CS/4	Sloping track with 4 Poles + Insulator Icc 60kA
SC/1	Short Sloping track + Insulator I=160-250 A
S/1	Sloping track + Insulator Icc I=160-250A Single
S/2	Sloping track + Insulator I=400-630A Single

Compact Series: Wiring panel busbar systems

SLOPING INSULATORS TABLE

SLOPING INSULATOR 60 KA		EXECUTION: 1 bus bar per phase					
	I.Nom	250	400	630	630	800	800
	Copper section	30x5	40x6	40x8	40x8	50x8	50x8
	TYPOLGY (S/D) S=SINGLE D=DOUBLE	S	S	S	D	S	D
	Icc	Max.Intera xis	Max.Intera xis	Max.Intera xis	Max.Intera xis	Max.Intera xis	Max.Intera xis
	25 KA	550	550	550	*	550	*
	30 KA	450	450	450	*	450	*
	35 KA	*	350	350	*	350	*
	40 KA	*	250	250	*	250	*
	45 KA	*	*	200	400	200	*
	50 KA	*	*	*	*	175	350
	55 KA	*	*	*	*	*	250
60 KA	*	*	*	*	*	200	
	Code Insulator	CS/3					
	Code Insulator	CS/4					

Compact Series: Internal frame busbar system



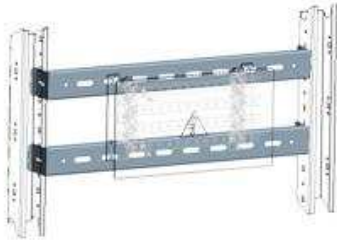
The special manufacturing technique of this wiring frame, allows the users to place the busbars systems on the rear side of the structure without losing the modular capacity of the cabinet. The access to the facility is ensured both on the front and on the rear side of the cabinet.

Compact Series: Internal frame busbar system

37 – HORIZONTAL BUSBAR SYSTEMS TRACKS ON INTERNAL FRAME



Code	Description
2/3007T	Distribution system Track – Cab w625
2/3008T	Distribution system Track – Cab w800
2/3010T	Distribution system Track – Cab w1000



– BAR SYSTEM, PATHWAY, TERMINAL BOARD SUPPORTS

Code	Description
2/3006	Bracket C.way/Terminal board - Cabinet W=625
2/3008	Bracket C.way/Terminal board - Cabinet W=800
2/3010	Bracket C.way/Terminal board - Cabinet W=1000
2/3020	Bracket C.way/Terminal board in cable duct 200
2/3040	Bracket C.way/Terminal board in cable duct 400
2/3824	Sloped Bracket f. bar system - cable duct W200 D400
2/3844	Sloped Bracket f. bar system - cable duct W400 D400

Compact Series: Omnibus linear busbar system



Compact Series: Omnibus linear busbar system



38 – LINEAR VERTICAL BUSBAR SYSTEM

Code	Description
93400	Linear Vert. Busbar Sys. Interaxis 60 H1600 400A 16kA
93630	Linear Vert. Busbar Sys. Interaxis 60 H1600 630A 20kA
93800	Linear Vert. Busbar Sys. Interaxis 60 H1600 800A 20kA
931000	Linear Vert. Busbar Sys. Interaxis 60 1000 A ICC 35 kA
931250	Linear Vert. Busbar Sys. Interaxis 80 1250 A ICC 35 kA
931600	Linear Vert. Busbar Sys. Interaxis 80 1600 A ICC 35 kA

TETRAPOLAR LINEAR INSULATOR IN SINGLE BAR (INTERAXIS 60mm) TABLE

LINEAR INSULATOR from 400A to 1000A Overall dimensions	EXECUTION: 1 bus bar per phase, 5mm thick					
	I.Nom	400A	500A	630A	800A	1000A
	Copper section	40x5	50x5	60x5	80x5	100x5
	H.Insulator	80mm	90mm	100mm	120mm	140mm
	Max.Interaxis	Icc	Icc	Icc	Icc	Icc
	600mm	10kA	12kA	14kA	16kA	18kA
	500mm	13kA	15kA	16kA	19kA	21kA
	400mm	16kA	18kA	20kA	23kA	27kA
	300mm	22kA	25kA	28kA	32kA	36kA
	250mm	25kA	30kA	33kA	38kA	43kA
	200mm	35kA	38kA	42kA	48kA	55kA
	Code Insulator	916041	916051	916061	916081	916101
STANDARD INSULATOR						
	Code Insulator	PS31/A				

Compact Series: Omnibus linear busbar system

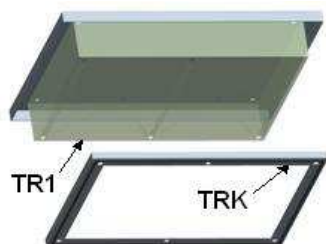
TETRAPOLAR LINEAR INSULATOR, 50% NEUTRAL, IN SINGLE BAR (INTERAXIS 80mm)TABLE

LINEAR INSULATOR from 630A to 1500A Overall dimensions	EXECUTION: 1 bus bar per phase, 10mm thick 1 netrual bar 5mm thick					
	I.Nom	630A	800A	1000A	1200A	1500A
	Copper section	40x10	50x10	60x10	80x10	100x10
	H.Insulator	100mm	110mm	120mm	140mm	160mm
	Max.Interaxis	lcc	lcc	lcc	lcc	lcc
	1000mm	16kA	16kA	20kA	20kA	25kA
	800mm	20kA	20kA	25kA	25kA	30kA
	600mm	25kA	30kA	30kA	35kA	40kA
	500mm	30kA	35kA	40kA	45kA	50kA
	400mm	40kA	45kA	50kA	55kA	60kA
	300mm	50kA	60kA	65kA	75kA	85kA
250mm	60kA	70kA	80kA	90kA	100kA	
200mm			90kA	110kA	130kA	
Code Insulator	918041	918051	918061	918081	918101	
STANDARD INSULATOR						
	Code Insulator	PS23/A				

Compact Series: Additional Accessories



Compact Series: Additional Accessories



39 – NATURAL VENTILATION PLENUM

Code	Description
TR1	Raised Plenum on Roof
TRK	Under Plenum Galvanised. Cab. h12 d300 w400

– PLENUM WITH FAN For cabinets with at least 500 mm depth

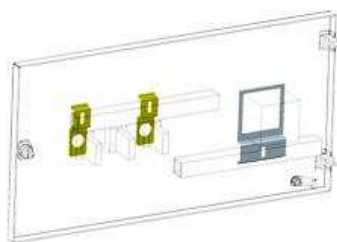
Code	Description
TVQ1191	Plenum + Fan Ø 119 115 V
TVQ1192	Plenum + Fan Ø 119 220 V
TVQ1501	Plenum + Fan Ø 150 115 V
TVQ1502	Plenum + Fan Ø 150 220 V

40 – VENTILATION GRILLES AND FANS



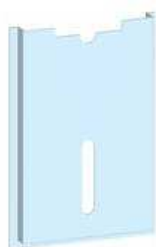
Code	Description
GRF12	Ventilation Grille 130X130 Cod. 091022
GRF25	Ventilation Grille 255X255 IP43
GRV12	Fan + Filter 130x130 IP43 091127
GRV25	Fan + Filter 255x255 IP43 Cod. 091129

41 – DEVICES AND BUTTONS BOARD PATHWAY BRACKETS



Code	Description
2/322	Bracket for 22.5mm Buttons Pathway
2/368	Bracket for 68x68mm Devices Pathway
2/392	Bracket for 92x92mm Devices Pathway

42 – SCHEME HOLDING POUCHES



Code	Description
2/2000	Adhesive document pouch size 30x235x220
2/2001	Small document pouch size 20X160X230

42 – LOCKS



Code	Description
6/5830	Revolving lock with key (YALE)
2/4500	4-Point lock with triangular key
6/5800	Cross handle lock and key
2/5700	Locking handle with key for cables room



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