



Quick

Small electrical cabinets for industrial, civil and service sector up to 250 A





Later. Around you



Their name has changed, the advantages are increasing.
Quick: the new series of electrical cabinets that replaces "Wall cabinets" series.

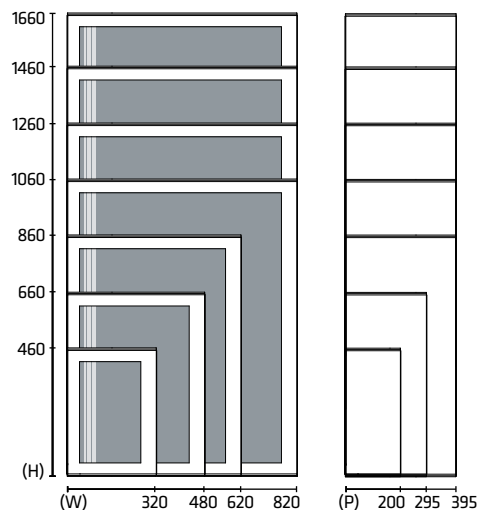
Better access from the front with the increase in the width and easy disassembly of the frames independently fixed.
Same internal accessories available for Slim, Easy 630 and Compact series thanks to the ModularDIN™ system that enables rapidity and precision of the assembly of modular circuit breakers.

Main characteristics

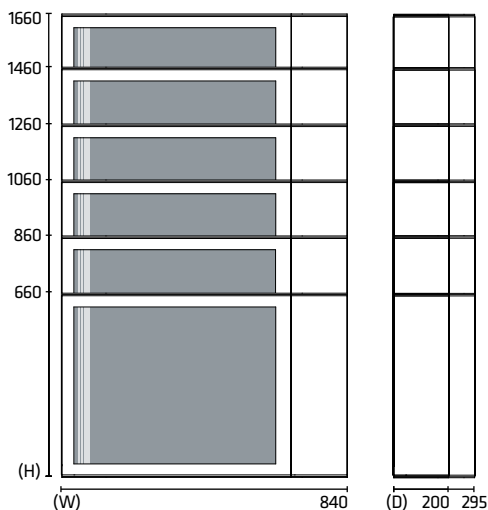
- Monoblock structure made of welded sheet with a thickness of 1,2 mm.
- Degree of protection from IP31 (open version) to IP55 with blind door or transparent door with toughened glass.
- Top and bottom completely removable.
- Possibility of vertical connection and frame for recessed mounting.
- Installation of circuit breakers of all leading manufacturers (ABB, Schneider, Siemens, etc.).
- Epoxy powder coating after phosphating in RAL 7035 B (other colours on request).
- Patented and certified earth connection system.
- Full range of internal finishing accessories to provide solutions for any requirement.
- On request, stainless steel small cabinet.

Technical specifications

Small cabinet



Small cabinet with cable housing



	Width (W) mm	Height (H) mm	Depth (D) mm
Small cabinet	320 (11 modules)	460 / 660 / 860 / 1060 / 1260 / 1460 / 1660 (usable space = H - 60)	200 / 295 / 395 (usable space = P - 75)
	480 (16 modules)		
	620 (24 modules)		
	820 (34 modules)		
Small cabinet with cable housing	840 (24 modules)	660 / 860 / 1060 / 1260 / 1460 / 1660 (usable space = H - 60)	200 / 295 (usable space = P - 75)

Electrical data	Voltage ratings	Rated insulation voltage (U_i)	690 V
		Rated operational voltage (U_e)	400 V
		Rated impulse withstand voltage (U_{imp})	6 / 8 / 12 kV
		Rated frequency (f_n)	50 / 60 Hz
	Current ratings	Rated current (I_n)	Up to 250 A
		Rated short-time withstand current for 1 sec. (I_{cw})	15 kA

Mechanical characteristics	IP degree of protection	Internal	Up to IP2X
		External enclosure	From IP31 to IP55
	Covers height (h)	150 / 200 / 300 / 400 / 500 / 600 / 700 / 800 / 900 / 1000	
	IK test (shock resistance)	IK09 glazed door	
		IK10 blind door	
	Access	From the front	
	Execution	Form 1	
	Material	Structure	Pickled plate, 12/10 mm thick
		Accessories	Aluzinc® sheet steel, 15/10 mm thick
	Powder coating	Standard	RAL 7035 B light grey (orange peel)
		On request	Powder RAL colours and stainless steel
	Plastic components	Halogen-free, flame retardants, self-extinguishing, CFC-free	

All Lafer cabinets have been designed to be used in indoor environments. In case of outdoor applications, customers should require the supply of the specific rain cover. Lafer shall not be held liable for any damage resulting from the non-observance of these guidelines.

Typology

Small cabinet: monoblock structure made of welded sheet with a thickness of 1,2 mm.



Small cabinet with cable housing: monoblock structure made of welded sheet with a thickness of 1,2 mm, with cable housing for cables, terminal block or busbar system.



Top and bottom: made of sheet 1,2 mm thick, easily removable and designed for the connection of wiring channels of the most known brands.

Cable ducting plate: plate made of Aluzinc sheet steel with gasket. Hole compatible with fastening systems of cable ducting commercially available.



Inox: on request, stainless steel small cabinet.

Accessories

Connection frame: it allows a vertical connection between two small cabinets.

Plinth: available with a height of 60 or 120 mm.



Wiring modality

ModularDIN™ system: rapidity of assembly and disassembly of aluminium LDIN modular rails with the new joint system without screws. It is compatible with the most splitter blocks commercially available.

Wiring plate: plate made of Aluzinc sheet steel with a thickness of 1,5 mm, removable from the front for bench wiring. Plate with multiple holes to fasten ModularDIN™ and supports of any brand of circuit breakers.



Details

Glass door: made of sheet 1,5 mm thick with grey toughened glass.



Blind door: it is possible to replace the glass door with the blind door. The blind door is made of sheet 1,5 mm thick with a gasket to guarantee the IP55 degree. On request, holes for devices and circuit breakers.



Holed covers: covers arranged with holes for devices and circuit breakers of any brand. According to the type of circuit breaker used, we supply a specific support kit.



Hinges and locks: an exclusive system developed by Lafer that enables a quick opening and closing of covers through screws by ¼ turn. All covers are reversible: it is possible to invert the locks with the hinges in few seconds.



Vertical frames: easily removable as they are fixed to the structure independently.



Opening systems



IP55 standard: small cabinet with glass door and inner covers.



Swivel frame: frontal glass door with hinged covers fixed on a swivel frame in order to get directly to the wiring plate.



Double section: the structure of the small cabinet can be opened sideways. Solution with glass door and inner covers. Thanks to this system it is possible to open the frontal part of the small cabinet and get directly to the wiring plate.



IP31 frame: it is possible to replace the glass door or the blind door with the IP31 frame. This solution is possible both with covers and with inner door.



Inner door: designed with glass door and inner door.