



## Technical specifications

Electrical cabinets for industrial and service sector up to 630 A

	Width (W) m	Height (H) mm	Depth (D) mm
<b>Cabinet</b>	625 (24 modules)	1800 / 2000 / 2200 (usable space = H - 200)	250 (usable space = 125) 400 (usable space = 218)
	700 (24 modules)		
	800 (34 modules)		
	900 (36 modules)		
	1000 (46 modules)		
<b>Cabinet with cable housing</b>	625 + 300 (24 modules)	1800 / 2000 / 2200 (usable space = H - 200)	250 (usable space = 125) 400 (usable space = 218)
	700 + 300 (24 modules)		
	800 + 300 (34 modules)		
	900 + 300 (36 modules)		
	625 + 400 (24 modules)		
	700 + 400 (24 modules)		
	800 + 400 (34 modules)		
<b>Cabinet with double cable housing</b>	300 + 700 + 400 (24 modules)		
<b>Cable housing</b>	300	1800 / 2000 / 2200 (usable space = H - 200)	250
	400		400
<b>Electrical data</b>	Voltage ratings	Rated insulation voltage (U <sub>i</sub> )	690 V
		Rated operational voltage (U <sub>e</sub> )	400 V
		Rated impulse withstand voltage (U <sub>imp</sub> )	6 / 8 / 12 kV
		Rated frequency (f <sub>n</sub> )	50 / 60 Hz
	Current ratings	Rated current (I <sub>n</sub> )	Up to 630 A
Rated short-time withstand current for 1 sec. (I <sub>cw</sub> )		35 kA	
<b>Mechanical characteristics</b>	IP degree of protection	Internal	Up to IP2X
		External enclosure	From IP30 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 / Side / Rear	
	Execution	Form 1 / Form 2a	
	Material	Structure	Pickled plate, 15/10 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.



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