

Compact

Technical specifications

Electrical cabinets for industrial and service sector up to 1600 A



	Width (W) mm	Height (H) mm	Depth (D) mm
Cabinet	625 (24 modules)	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625 (usable space = 218)
	700 (24 modules)		
	800 (34 modules)		
	900 (36 modules)		
	1000 (46 modules)		
Cable housing	300	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625
	400		
Cabinet with cable housing	625 + 300 (24 modules)	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625
	700 + 300 (24 modules)		
	800 + 300 (34 modules)		
	900 + 300 (36 modules)		
	625 + 400 (24 modules)		
	700 + 400 (24 modules)		
	800 + 400 (34 modules)		
	900 + 400 (36 modules)		

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 1600 A
		Rated short-time withstand current for 1 sec. (I_{cw})	70 kA

Mechanical characteristics	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 / Form 2b / Form 3a		
	Material	Structure	Pickled plate, 15/10 - 20/10 mm thick	
		Accessories	Aluzinc® sheet steel, 15/10 - 20/10 - 25/10 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.

ENG_06_2017 - In order to ensure a continuous improvement of the products, Lafer reserves the right to make modifications to the characteristics described (without notice).