



Technical specifications

Electrical cabinets for industrial automation
up to 4000 A

Standard

	Width (W) mm	Height (H) mm	Depth (D) mm
Cabinet	625		
	700		
	800	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625 / 800 / 1000 (usable space = P - 100)
	900		
	1000		
Cabinet with swing-door	1000		
	1200	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625 / 800 / 1000 (usable space = P - 100)
	1400		
	1600		
Cable housing	300	1800 / 2000 / 2200 (usable space = H - 200)	400 / 500 / 625 / 800 / 1000
	400		
Electrical data		Rated insulation voltage (U _i)	690 V
		Rated operational voltage (U _e)	400 V
	Voltage ratings	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 4000 A
		Rated short-time withstand current for 1 sec. (I _{cw})	75 kA
Mechanical characteristics	IP degree of protection	Internal	Up to IP2X
		External enclosure	From IP30 to IP55
	IK test (shock resistance)	IK10 blind door	
	Access	From the front / Side / Rear	
	Execution	Form 1	
	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.

