



Technical specifications

Power Center cabinets for low voltage
power distribution up to 6300 A

	Width (W) mm	Height (H) mm	Depth (D) mm	
Cabinet	625 (24 modules)	2000 / 2200 / 2400 (usable space = H - 200)	500 / 625 / 800 / 1000 / 1200 / 1400 / 1550	
	700 (24 modules)			
	800 (34 modules)			
	1000 (46 modules)			
	1200 (54 modules)			
1400 (62 modules)				
Cable housing	300	2000 / 2200 / 2400 (usable space = H - 200)	500 / 625 / 800 / 1000 / 1200 / 1400 / 1550	
	400			
Cabinet with cable housing	625 + 300 (24 modules)	2000 / 2200 / 2400 (usable space = H - 200)	500 / 625 / 800 / 1000 / 1200 / 1400 / 1550	
	700 + 300 (24 modules)			
	800 + 300 (34 modules)			
	625 + 400 (24 modules)			
	700 + 400 (24 modules)			
	800 + 400 (34 modules)			
Back to back cabinet	On request			
Electrical data		Rated insulation voltage (U_i)	1000 V	
	Voltage ratings	Rated operational voltage (U_e)	690 V	
		Rated impulse withstand voltage (U_{imp})	8 / 12 kV	
		Rated frequency (f_n)	50 / 60 Hz	
	Current ratings	Rated current (I_n)	Up to 6300A	
		Rated short-time withstand current for 1 sec. (I_{cw})	150 kA	
Mechanical characteristics	IP degree of protection	Internal	Up to IP2X	
		External enclosure	From IP30 to IP55	
	Covers height (h)	150 / 200 / 250 / 300 / 350 / 400 / 450 / 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 / Form 3b / Form 4a / Form 4b		
	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		
	Bars treatment	Alubar	standard: tin	
on request: Nickel/ Silver				
Copper		standard: none		
		on request: Tin/ Nickel/ Silver		

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 canopy. Lafer shall not be held liable for any damage resulting from the non-observance of these guidelines.



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