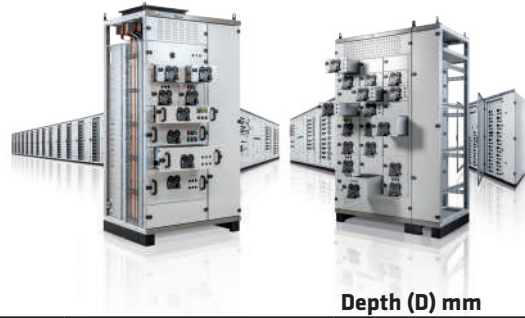




Technical specifications

Motor Control Center with withdrawable units up to 6300 A



	Width (W) mm	Height (H) mm	Depth (D) mm	
Free-standing cabinet	625 (24 modules)	2000 / 2200 / 2400	625 / 800 / 1000	
	700 (24 modules)	(usable space = H - 200)	/ 1200 / 1400 / 1600	
Cabinet with cable compartment	625 + 300 (24 modules)			
	700 + 300 (24 modules)			
	625 + 400 (24 modules)	2000 / 2200 / 2400	625 / 800 / 1000	
	700 + 400 (24 modules)	(usable space = H - 200)	/ 1200 / 1400 / 1600	
Multiswitch cabinet	1000 + 300 (44 modules)			
	1000 + 400 (44 modules)			
Back-to-back cabinet	Available 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})	6 / 8 / 12 kV	
		Rated frequency (f_n)	50 / 60 Hz	
		Current ratings	Rated current (I_n)	Main busbar system
	Vertica distribution busbars			400 / 630 / 800A
	Rated short-time withstand current for 1 sec. (I_{cw})		105 kA	
	Internal arc resistance	Permissible current under arcing conditions ($I_{p\ arc}$)	70 kA	
		Permissible arc duration (t_{arc})	300 ms	
	Withdrawable units pliers		160 / 320 A	
	Auxiliary contacts connectors		10 / 16 A	
	Auxiliary contacts		6 / 16 / 24 / 42 / 48	
Mechanical Characteristics	IP Degree of protection	Internal	Up to IP2X	
		External	From IP30 to IP55	
	Withdrawable units height (h)	150 / 200 / 250 / 300 / 350 / 400 / 450 / 500 / 600		
	Protection against mechanical impacts (IK code)	IK09 glass door		
		IK10 blind door		
	Access to the cabinet for circuit breakers connection	From the Front/Side/Rear		
	Form of internal separation	Form 3b / Form 4b		
	Material	Structure	Pickled plate 15/10 - 20/10 mm thick	
		Accessories	Aluzinc® sheet steel 15/10 - 20/10 mm thick	
	Powder coating	Standard	RAL 7035B orange peel	
		On request	RAL shades / stainless steel	
	Plastic components	Halogen-free, flame retardants, self-extinguishing, CFC-free		
Busbar system		Insulated / Silvering / Tin plating		
Customizable features	Additional components	Position switch "drawer in test position"		
		Position switch "drawer in disconnected/ connected position"		
		Position switch "drawer in inserted/ withdrawn position"		
		Position switch "drawer in inserted/ remote withdrawn position" (n°2)		

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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