

SIATE-PW

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)	1800 / 2000 / 2200 / 2400 (usable space = H - 200)	625 / 800 / 1000 / 1200 / 1400 / 1600
	700 (24 modules)		
	800 (34 modules)		
	900 (36 modules)		
	1000 (46 modules)		
Cable housing	300	1800 / 2000 / 2200 / 2400 (usable space = H - 200)	400 / 500 / 625
	400		
Cabinet with cable housing	625 + 300 (24 modules)	1800 / 2000 / 2200 / 2400 (usable space = H - 200)	625 / 800 / 1000 / 1200 / 1400 / 1600
	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)		
Back to back cabinet	On request		

Electrical data	Voltage ratings	Rated insulation voltage (U _i)	1000 V
		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)	Up to 6300 A
		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	
	Materiel	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	
	Options	Busbar system	Silvering/ Tinning

