

N680

Switchgear

Low voltage withdrawable switchgear manufactured based on transfer technology with ALSTOM

Applications	D Type	Mcc Type
Distribution	■	
Motor control		■
Standard	IEC 61439 - 1 , 61439 - 2	
Electrical Characteristics		
Rated Voltage		
Rated operational voltage (U _e) (VAC)	400 - 690 (on request)	
Rated insulation voltage (U _i) (VAC)	690 - 1000	
Rated impulse withstand voltage (U _{imp}) (KV)	8 - 12	
Degree of pollution	3	
Frequency (HZ)	50 / 60	
Rated Current		
Main busbars	Single busbar	
Rated horizontal busbar (A)	Up to 3200 A	
Rated vertical busbar (A)	Up to 2500 A	Up to 1250 A
Rated short-time withstand current (KA rms / 1 s)	50	
Rated peak withstand current (KA)	105	
Incoming / Outgoing		
Distribution feeders	Up to 3200 A	Up to 630 A
Motor feeders		Up to 250 KW
Mechanical Characteristics		
Total height (mm)	2350	
Width (mm)	700 / 1100	900
Depth (mm)	600	
Functional unit according to IEC 61439 - 2	FFF to WWW	WWW
Forms according to IEC 61439 - 2	1 / 2b / 3b / 4b	3b / 4b
Degree of protection according to IEC 60529	IP 30 / 31 / 40 / 41 / 42	
Surface protection	Polyester powder coating (oven curing)	
Standard color	*RAL 7032 / 7035	
Cable entry	Bottom or top	
Access	Front	

* Other colors on request