

# AC disconnect

## ~ Applications

A switching device used simply to open or close a charged line in connection with circuit isolation, not to be used to turn on or off load current. There are, however, disconnectors that are provided with capabilities of turning on or off loop current, small leading current, and small lagging current depending on the specifications.

## ~ Specifications

- Rated voltage 84 kV, 120 kV, 168 kV, 300 kV, 550 kV
- Rated current 800 A, 1200 A, 2000 A, 3000 A, 4000 A, 6000 A, 8000 A
- Rated frequency 60 Hz
- Pollution withstand voltage 80.5 kV, 115 kV, 161 kV, 208 kV, 381 kV
- A power-actuated contact system shall be adopted as a standard from the viewpoint of preventing a contact section from being overheated.



# AC disconnect

~ Ratings for an air disconnect

Nominal voltage (kV)	Rated voltage (kV)	Rated short-time withstand current (kA)	Rate current (A)							Rated frequency (Hz)	Pollution withstand voltage (main circuit to the ground) (kV)
			800	1200	2000	3000	4000	6000	8000		
77	84	20	TM	TM	TM					60	80.5
		25		TM	TM	TM	TM				
		31.5		TM	TM	TM	TM				
110	120	25		TM							115
154	168	25		TM	TM	TM	TM	TM			161
		31.5			TM	TM	TM	TM			
		40			TM	TM	TM	TM			
		50			TM	TM	TM	TM			
275	300	31.5		TM	TM		TM				208
		40			TM		TM	TM	TM		
		50			TM		TM	TM	TM		
		63			TM		TM	TM	TM		
500	550	50			TM		TM	TM	TM	381	
		63			TM		TM	TM	TM		