



ELECTRIC INTEGRATED INC.

iPOWER-MV MEDIUM VOLTAGE SWITCHGEAR



Air-insulated Metal-clad withdrawable Switchgear fitted with withdrawable vacuum circuit breaker

TECHNICAL SPECIFICATIONS

Model		iPOWER- MV		
Rated Voltage		3.6kV / 7.2kV / 13.8kV	15kV	24kV
Insulation level	Lightning impulse withstand voltage	75kV / 85kV	95kV / 115kV	125kV / 145kV
	1 min power frequency withstand voltage	42kV / 48kV	50kV / 55kV	55kV / 65kV
Rated Frequency		50/60 Hz		
Rated Current		630 A, 1250A, 1600A, 2000A, 2500A, 3150A, 4000A		
4s short time withstand current		20kA, 25kA, 31kA, 31.5kA, 40kA, 50kA		
Rated peak withstand current		50kA, 63kA, 80kA, 100kA, 125kA		
Thickness				
Base frame		2.0 mm		
Side panels		2.0 mm		
Top cover (with provisions of louvers for heat dissipation)		2.0 mm		
Doors		2.0 mm		
Live cable indicators for incoming and outgoing cables		Supply Live Display		
Material		Steel sheet coated with aluminum-zinc alloy		
Protection level		Enclosure IP4X, partition of each compartment is IP2X		
Standard		IEC62271-200		
Color				