

CONSTRUCTION

A unique epoxy resin cast barrier for each phase facilitates mounting of the Vacuum Interrupter, and all the live parts inside the barrier give total encapsulation and maximum safety. This ensures that no live part of Vacuum Circuit Breaker is exposed.



CUBICLE

Type	TM
Rated Voltage (kV)	36
Rated Circuit Breaker Current (A)	630 to 2000
Rated Busbar Current (A)	Upto 2500
Rated Shorttime Current (3 Sec.) (kA)	Upto 25
Rated Dynamic Current (kAp)	Upto 63
Impulse (kVp)	170
Power frequency Withstand Voltage (kV rms/1Min)	70
Dimensions (mm)	Width 1200 Depth 2200
A) Basic Cubicle	2000
B) With Instrument Box	2565/2315/2815
Weight Including VCB (kG) (Approx)	2565/2315/2815
Floor loading including Line Load (kG/sq.m)	1200

SPECIFICATIONS

Type	TC	
	30 M 25	30 P 25
Operating Method	Manual / Motor Spring Charging	
Rated Voltage (kV)	36	36
Interrupting Current (kA)	25	
Rated Normal Current (A)	1250	2000
Rated Frequency (Hz)	50	
Making Current (kAp)	63	
Short Time Current (kAp) Rating for 3 sec.	25	
Max. Interrupting Time (Cycles)	3.5	
Max. Opening Time (Cycles)	2.5	
Max. Closing Time (Cycles)	2.5	
Insulation Level	Impulse kVp	
	170	
	Power Frequency withstand (kVrms/1 Min)	
	70	
Normal Operating duty	O-3' – CO – 3'CO	
Rapid Reclosing duty	O-0.3Sec. – CO-3'-CO	
Closing Coil Voltage (DC)	24/30/48/110/220	
Wattage (W) (Approx.)	450	
Trip Coil Voltage (DC)	24/30/48/110/220	
Wattage (W) (Approx.)	300	
Charging Motor Voltage (DC)	48/110/220	
Wattage (W) (Approx.)	350	
Weight (kG) (Approx.)	350	400