



TECHNICAL DATA SHEET - RING MAIN UNITS

Sl.No	Description	Technical Parameters					
1	Description of the Switchgear	SF6 RING MAIN UNITS - (RMUs)					
2	Standards followed in design, manufacture and testing	IEC 62271-100 / IEC-62271-1 / IEC-62271-200 / IEC-60265 / IEC-60529					
3	Panel Type Designation	JEETH G6-BS12	JEETH G6-BS15	JEETH G6-SE12	JEETH G6-SE15	JEETH G4-BS24	JEETH G4-SE24
4	Rated System Voltage	12kV	15kV	12kV	15kV	24kV	24kV
5	Rated Current rating of Panel	630A	630A	630A	630A	400A	400A
6	Nominal System Voltage & Frequency	11kV,50Hz	15kV,60Hz.	11kV,50Hz	15kV,60Hz.	24kV, 50Hz	24kV, 50Hz
7	One minute Power Frequency Voltage withstand level	28kVrms	38kVrms	28kVrms	38kVrms	50kVrms	50kVrms
8	1.2/50micro-second Impulse Voltage withstand level	75kV Peak	95kV Peak	75kV Peak	95kV Peak	125kV Peak	125kV Peak
9	Insulation	SF6 insulated VCB	SF6 insulated VCB	SF6 Disconnecter	SF6 Disconnecter	SF6 insulated VCB	SF6 Disconnecter
10	No. of Poles	3	3	3	3	3	3
11	Rated short time withstand current	21kA / 3 sec	25kA 3 Sec	21kA / 3 sec	25kA 3 Sec	11kA / 3 Sec	11kA / 3 Sec
12	Rated short circuit breaking capacity	21kA rms	25kA rms	21kA rms	25kA rms	11kA rms	11kA rms
13	Rated short circuit making capacity	52.5kAp	62.5kAp	52.5kAp	62.5kAp	62.5kAp	62.5kAp
14	Maximum overall Dimension per feeder section (in mm)	(W x D x H)	(W x D x H)	(W x D x H)	(W x D x H)	(W x D x H)	(W x D x H)
	a) Indoor type Panels	550 x 875 x 1760	550 x 875 x 1760	450 x 875 x 1750	450 x 875 x 1750	450 x 875 x 1750	450 x 875 x 1750
	b) Outdoor type Panels	550 x 875 x 1760	550 x 875 x 1760	450 x 875 x 1750	450 x 875 x 1750	450 x 875 x 1750	450 x 875 x 1750
15	Approx. Panel Weight	380kgs	380kgs	240kgs	240kgs	410kgs	300kgs
16	Cable Termination Incoming & Outgoing	Touch proof termination kit					
17	Type of operating mechanism	Motorized spring charged and emergency manual operation					
18	Installation	Indoor or outdoor plinth mounted (plinth with cable trench)					
19	Degree of protection	Indoor Type: IP 4x / Outdoor Type: IP:55					
20	Paint type and shade	Powder Painting to Shade: RAL 7032					