



TECHNICAL DATA SHEET – Load Break Switch

Sl.No	Description	Technical Parameters		
1	Description of the Switchgear	Load break Switch with integral Earth Switch & Fuse Trip		
2	Standards followed in design, manufacture and testing	IEC 60265 / IS 9920		
3	Panel Type Designation	CSH 12	CSH 24	CSH 36
4	Rated System Voltage	12kV	24kV	36kV
5	Rated Current rating of Panel	630A	630A	630A
6	Nominal System Voltage & Frequency	11kV, 50Hz	22kV, 50Hz	33kV, 50Hz
7	One minute Power Frequency Voltage withstand level	28kVrms	50kVrms	70kVrms
8	1.2/50micro-second Impulse Voltage withstand level	75kV Peak	125kV Peak	170kV Peak
9	Insulation	Air	Air	Air
10	No. of Poles	3	3	3
11	Rated short time withstand current	25kA / 3 Sec	25kA / 3 Sec	25kA / 3 Sec
12	Rated short circuit breaking capacity	Not assigned. HT HRC Fuses of 25kA used to break SC Current and trigger the tripping mechanism of Load Break Switch		
13	Rated short circuit making capacity	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)
	a) Indoor type Panels	600 x 1100 x 1600	1000 x 1600 x 1700	1500 x 2150 x 2000
	b) Outdoor type Panels	600 x 1200 x 1825	1000 x 1650 x 1925	1500 x 2240 x 2525
15	Approx. Panel Weight	550kgs	750kgs	980kgs
16	Cable Termination Incoming & Outgoing	Bottom Cable Entry (or) Top bottom entry (or) combination		
17	Type of operating mechanism	Quick make, quick break, manual spring assisted toggle		
18	Installation	Indoor & Outdoor types available		
19	Degree of protection	Indoor Type: IP 4x / Outdoor Type: IP:55		
20	Paint type and shade	Epoxy based Powder Painting to Shade: RAL 7032		