

# AIR INSULATED LSC-2B MODULAR SWITCHGEAR

## VALID TYPE TEST LIST

Type of Test Sample : SMC series Metal Clad Switchgear  
Construction : 36 kV, LSC-2B, PM

Date: 26.04.2019  
Doc. No.: LS.18.13

No	Art. No	Type Test Name	Test Rating	Standard	Lab - Report No	Report Date
1	6.2	Dielectric Test Ur : Rated Voltage (rms) Ud : Power Frequency withstand voltage (rms) Up : Lighting impulse withstand voltage	Ur : 36 kV Ud : 70 kV Up : 170 kV (1.2/50µs)	IEC 62271-200(2003-11)	ICMET - 41282	08.10.2007
			Ur : 36 kV Ud : 85 kV Up : 170 kV (1.2/50µs)	IEC 62271-200(2003-11)	CESI - B0020888	12.04.2010
2	6.5	Temperature Rise Tests Ir : Rated Current (rms)	Ir : 1250 A	IEC 62271-200(2003-11)	ICMET - 10013	08.10.2007
			Ir : 1250 A	IEC 62271-200(2003-11)	CESI - B0010345	17.5.2010
			Ir : 4000A	IEC 62271-200 (2011-10)	LVT.13-0581-R00	26.07.2013
3	6.6	Short Circuit Withstand Current Ik : Rated RMS Short time withstand Current Ip: Rated Peak withstand Current	Ik : 25 kA (1s) Ip : 63 kA	IEC 62271-200(2003-11)	ICMET - 10015	09.10.2007
			Ik : 31,5 kA (3s) Ip : 80 kA	IEC 62271-200(2003-11)	CESI - B0021593 CESI - B0021596	23.04.2010 26.04.2010
4	6.7.1	Instrument Protection Tests IP	IP 4X / IP2X	IEC 62271-200 (2011-10)	LVT - 13-0575-R02D	29.12.2014
5	6.106	Internal Arc Test (IAC) Ia : Rated 3-phase Arc Fault Current /duration Internal Arc Classification	31,5 kA / 1 s AFLR	IEC 62271-200(2003-11)	CESI - B0021684	29.06.2010
6	6.10	Addition experiments on auxiliary and control circuits	-	IEC 62271-200 (2013-04)	LVT-KD.D.14-0967-R01-01D LVT-KD.D.14-0967-R01-02D	01.08.2017