

# AIR INSULATED LSC-2B MODULAR SWITCHGEAR

## VALID TYPE TEST LIST

Type of Test Sample : SNC series Metal Clad Switchgear  
Construction : 12 kV, LSC-2B, PM

Date: 14.10.2019  
Doc. No.: LS.18.09

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 : 12 kV Ud : 32 kV Up : 75 / 85 kV (1.2/50µs)	IEC 62271-200 (2011-10)	Schneider. EN201305R1129 Schneider. EN201305R1131 LVT.19-0070-R01-N01-01	12.04.2013 15.04.2013 14.6.2019
			Ur : 13,8 kV Ud : 32 kV Up : 75 / 85 kV (1.2/50µs)	IEC 62271-200 (2011-10)	LVT.D.13.0252-R.00 LVT.D.13.0253-R.00	27.03.2013 01.04.2013
2	6.5	Temperature Rise Tests Ir : Rated Current (rms)	Ir : 1250 A	IEC 62271-200 (2011-10)	LVT.D.13.0252-R.00	26.03.2013
			Ir : 2500 A	IEC 62271-200 (2011-10)	LVT.D.13.0253-R.00	29.03.2013
			Ir : 3150 A	IEC 62271-200 (2011-10)	LVT.19-0070-R01-N01-01	14.6.2019
3	6.6	Short Circuit Withstand Current Ik : Rated RMS Short time withstand Current Ip: Rated Peak withstand Current	Ik : 31,5 kA (3s) Ip : 50 kA	IEC 62271-200 (2011-10)	LVT.D.13.0252-R.00 LVT.D.13.0253-R.00	27.03.2013 01.04.2013
			Ik : 50 kA (1s) Ip : 80 kA	IEC 62271-200 (2011-10)	LVT.D.13.0252-R.00 LVT.D.13.0253-R.00	27.03.2013 01.04.2013
			Ik : 40 kA (3s) Ip : 100 kA	IEC 62271-200 (2011-10)	BOĞAZIÇI ÜNİ. - R.0023-19 BOĞAZIÇI ÜNİ. - R.0028-19	08.03.2019 29.03.2019
			Ik : 40 kA (1s) Ip : 100 kA	IEC 62271-200 (2011-10)	LVT.19-0070-R01-N01-02	19.02.2019

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No	Art. No	Type Test Name	Test Rating	Standard	Lab - Report No	Report Date
4	6.7.1	Instrument Protection Tests IP	IP 4X / IP2X	IEC 62271-200 (2011-10)	LVT - 13-0575-R02D	01.07.2014
			IP 4X / IP3X		LVT.19-0481-R01-N02-02	08.03.2019
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 (2011-10)	CESI.B3009619	11.04.2013
			40 kA / 1 s AFLR		IEC 62271-200 (2011-10)	CESI.B3014964
6	6.10	Addition experiments on auxiliary and control circuits	-	IEC 62271-200 (2013-04)	LVT-KD.D.14-0967-R01-01D	01.08.2017
					LVT-KD.D.14-0967-R01-02D	
7	6.102	Mechanical Operation Tests	IK 10	IEC 62271-200 (2011-10)	LVT - 16.1074-R02-N01-01	24.03.2017
					LVT.19-0070-R01-N01-01	14.6.2019
8	-	Seismic Test	0,5 g	IEC 62271-210 (2013) EN 60068, IEEE-693	VIRLAB 162452C	30.08.2016
			1,6 g			