

# AIR INSULATED LSC-2B MODULAR SWITCHGEAR

## VALID TYPE TEST LIST

Type of Test Sample : SNC series Metal Clad Switchgear  
Construction : 24 kV, LSC-2B, PM

Date: 26.04.2019  
Doc. No.: LS.18.10

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 : 24 kV	IEC 62271-200 (2011-10)	LVT.D.13.0251-R.00	18.07.2013
			Ud : 50 kV		LVT.D.13.0250-R.00	18.07.2013
			Up : 125 / 145 kV (1.2/50µs)		EMEK -14.006.0	02.12.2014
					EMEK -15.039.0	07.10.2015
					LVT.19.0054.R01.N01.01	19.4.2019
2	6.5	Temperature Rise Tests Ir : Rated Current (rms)	Ir : 6300 A	IEC 62271-200 (2011-10)	LVT.11.0349-R.02	18.11.2011
			Ir : 1250 A	IEC 62271-200 (2011-10)	LVT.D.13.0250-R.00	18.07.2013
			Ir : 2500 A	IEC 62271-200 (2011-10)	LVT.D.13.0251-R.00	28.03.2013
					LVT.19.0054.R01.N01.01	19.4.2019
3	6.6	Short Circuit Withstand Current Ik : Rated RMS Short time withstand Current Ip: Rated Peak withstand Current	Ik : 16 kA (1s) Ip : 40 kA	IEC 62271-200 (2003)	LVT.11.0349-R.02	27.10.2010
			Ik : 25 kA (3s) Ip : 63 kA	IEC 62271-200 (2011-10)	LVT.D.13.0250-R.00 LVT.D.13.0251-R.00	18.07.2013 18.07.2013
			Ik : 31,5 kA (1s) Ip : 78,75 kA	IEC 62271-200 (2011-10)	LVT.19.0054.R01.N01.01	19.4.2019
			Ik : 40 kA (1s) Ip : 63 kA	IEC 62271-200 (2011-10)	LVT.D.13.0250-R.00 LVT.D.13.0251-R.00	18.07.2013 18.07.2013
4	6.7.1	Instrument Protection Tests IP	IP 4X / IP2X IP 4X / IP3X	IEC 62271-200 (2011-10)	LVT - 13-0575-R02D LVT.19-0481-R01-N02-02	01.07.2014 08.03.2019

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5	6.106	Internal Arc Test (IAC) Ia : Rated 3-phase Arc Fault Current /duration Internal Arc Classification	25 kA / 1 s AFLR	IEC 62271-200 (2011-10)	CESI.B3024541	24.09.2013
			31,5 kA / 1 s A FLR	IEC 62271-200 (2011-10)	CESI.B8019778	05.10.2018
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
7	6.102	Mechanical Operation Tests	IK 10	IEC 62271-200 (2011-10)	LVT - 16.1074-R02-N01-01	24.03.2017
8	-	Seismic Test	0,5 g	IEC 62271-210 (2013) EN 60068, IEEE-693	VIRLAB 162452C	30.08.2016
			1,6 g	GR-63-CORE (ZONE 4)	VIRLAB 162453C	30.08.2016