

# AIR INSULATED LSC-2B MODULAR SWITCHGEAR

## VALID TYPE TEST LIST

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

Date: 26.04.2019  
Doc. No.: LS.18.11

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 (2011-10)	LVT. 16-1088-R01-N01-01	24.03.2017
2	6.5	Temperature Rise Tests Ir : Rated Current (rms)	Ir : 1250 A	IEC 62271-200 (2011-10)	LVT. 16-1088-R01-N01-01	24.03.2017
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 : 80 kA	IEC 62271-200 (2003)	LVT. 16-1088-R01-N01-01	24.03.2017
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
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.B6021472	19.10.2016

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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