

AIR INSULATED LSC-2A MODULAR SWITCHGEAR

VALID TYPE TEST LIST

Type of Test Sample : SME series Metal Enclosed Switchgear
Construction : 12 kV, LSC-2A, PI

Date: 26.04.2019
Doc. No.: LS.18.08

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 : 28 kV Up : 75 kV (1.2/50µs)	IEC 62271-200 (2011-10) IEC 62271-1 (2011-03)	VEIKI – 5062 VEIKI – 5063 VEIKI – 5064	03.06.2008
2	6.5	Temperature Rise Tests Ir : Rated Current (rms)	Ir : 630 A	IEC 62271-200 (2003-11)	VEIKI – 5066 VEIKI – 5067 VEIKI – 5068	03.06.2008
3	6.6	Short Circuit Withstand Current Ik : Rated RMS Short time withstand Current Ip: Rated Peak withstand Current	Ik : 20 kA (1s) Ip : 50 kA	IEC 62271-200 (2003-11)	VEIKI – 5050	03.06.2008
4	6.7.1	Instrument Protection Tests IP	IP 3X / IP2X	IEC 62271-200 (2011-10)	LVT - 13-0575-R02	23.09.2013
5	6.106	Internal Arc Test (IAC) Ia : Rated 3-phase Arc Fault Current /duration Internal Arc Classification	16 kA / 1 s AFL	IEC 62271-200 (2003-11)	ICMET – 10383 VEIKI – 5510	15.10.2009

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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	-	Earthquake actions on structures and Steel elements check	Ground type C, PGA 0.5g	Eurocode 3 Eurocode 8	FRM02RC01	01.10.2012
9	-	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