National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SWITCHGEAR TESTING LABORATORIES-SCHNEIDER ELECTRIC INDIA PRIVATE LIMITED, SECTOR E3, L&T CAMPUS, L&T BYPASS ROAD, MALUMICHAMPATTI, COIMBATORE, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 20/02/2022 to 19/02/2024 **Last Amended on** 27/03/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Clearance & Creepage distances	IEC 60947-1
2	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Clearance & Creepage distances	IEC 60947-2
3	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Dielectric properties - Power Frequency withstand voltage	IEC 60947-2
4	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Dielectric properties -Impulse withstand voltage	IEC 60947-1
5	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Dielectric properties -Impulse withstand voltage	IEC 60947- 2
6	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Dielectric properties - Power Frequency withstand voltage	IEC 60947-1
7	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Mechanical Operation	IEC 60947-1
8	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Mechanical Operation	IEC 60947-2
9	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Temperature rise	IEC 60947-1
10	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Air Circuit-Breaker,Moulded-Case Circuit-Breaker, Miniature Circuit Breaker	Temperature rise	IEC 60947-2
11	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Busbar Trunking System	Clearance & Creepage distances	IEC 61439-6
12	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Busbar Trunking System	Dielectric properties - Power Frequency withstand voltage	IEC 61439-6
13	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Busbar Trunking System	Dielectric properties -Impulse withstand voltage	IEC 61439-6

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14	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Busbar Trunking System	Mechanical Operation	IEC 61439-6
15	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Busbar Trunking System	Temperature rise	IEC 61439-6
16	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Miniature Circuit Breaker - for domestic application	Clearance & Creepage distances	IEC 60898-1
17	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Miniature Circuit Breaker - for domestic application	Dielectric properties - Power Frequency withstand voltage	IEC 60898-1
18	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Miniature Circuit Breaker - for domestic application	Dielectric properties -Impulse withstand voltage	IEC 60898 -1
19	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Miniature Circuit Breaker - for domestic application	Mechanical Operation	IEC 60898-1
20	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Miniature Circuit Breaker- for domestic application	Temperature rise	IEC 60898-1
21	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker	Clearance & Creepage distances	IEC 61008-1
22	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker	Dielectric properties - Power Frequency withstand voltage	IEC 61008-1
23	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker	Dielectric properties -Impulse withstand voltage	IEC 61008:1
24	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker	Mechanical Operation	IEC 61008-1
25	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker	Temperature rise	IEC 61008-1
26	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker with Over Current Protection	Clearance & Creepage distances	IEC 61009-1
27	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker with Over Current Protection	Dielectric properties - Power Frequency withstand voltage	IEC 61009-1

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28	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker with Over Current Protection	Dielectric properties -Impulse withstand voltage	IEC 61009-1
29	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker with Over Current Protection	Mechanical Operation	IEC 61009-1
30	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Residual Current Circuit Breaker with Over Current Protection	Temperature rise	IEC 61009-1
31	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards	Clearance & Creepage distances	IEC 61439-2
32	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards	Dielectric properties - Power Frequency withstand voltage	IEC 61439-2
33	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards	Dielectric properties -Impulse withstand voltage	IEC 61439-2
34	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards	Mechanical Operation	IEC 61439-2
35	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards	Temperature rise	IEC 61439-2
36	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards & Busbar Trunking System	Dielectric properties -Impulse withstand voltage	IEC 61439-1
37	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards & Busbar Trunking System	Mechanical Operation	IEC 61439-1
38	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards & Busbar Trunking System	Temperature rise	IEC 61439-1
39	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards and Busbar Trunking System	Clearance & Creepage distances	IEC 61439-1
40	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switchboards and Busbar Trunking System	Dielectric properties - Power Frequency withstand voltage	IEC 61439-1
41	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switches, disconnectors, switch-disconnectors and fuse-combination units	Clearance & Creepage distances	IEC 60947-3

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42	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switches, disconnectors, switch-disconnectors and fuse-combination units	Dielectric properties-Impulse withstand voltage	IEC 60947-3
43	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switches, disconnectors, switch-disconnectors and fuse-combination units	Dielectric properties-Power frequency withstand voltage	IEC 60947-3
44	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switches, disconnectors, switch-disconnectors and fuse-combination units	Mechanical operation	IEC 60947-3
45	ELECTRICAL-SWITCHGEAR & PROTECTIVE EQUIPMENT	Switches, disconnectors, switch-disconnectors and fuse-combination units	Temperature rise	IEC 60947-3