

ANNEX 1C

ASSESSMENT SCOPE FOR SPECIALIZED FACILITY

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
Dielectric properties	IEC 60934 ed.3; am1; am2	cl. 9.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 60934 ed.3; am1; am2	cl. 9.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20-days test	IEC 60934 ed.3; am1; am2	cl. 9.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Testing of tripping limits and characteristics	IEC 60934 ed.3; am1; am2	cl. 9.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour at rated. current	IEC 60934 ed.3; am1; am2	cl. 9.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour at rated switching capacity	IEC 60934 ed.3; am1; am2	cl. 9.11.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour under rated short-circuit capacity	IEC 60934 ed.3; am1; am2	cl. 9.11.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operation and operating limits	IEC 61095 ed2	cl. 9.3.3.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise limits	IEC 61095 ed.2	cl. 9.3.3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rated making and breaking capacity	IEC 61095 ed.2	cl. 9.3.3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Conventional operating performance	IEC 61095 ed2	cl. 9.3.3.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 61095 ed.2	cl. 9.3.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Overload current withstand capability	IEC 61095 ed.2	cl. 9.3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance under short-circuit conditions	IEC 61095 ed.2	cl. 9.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resistance to ageing and to humidity	IEC 60669-1 ed.3;am1;am2	cl. 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation resistance and electric strength	IEC 60669-1 ed.3;am1;am2	cl. 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 60669-1 ed.3;am1;am2	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Making and breaking capacity	IEC 60669-1 ed.3;am1;am2	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60669-1 ed.3;am1;am2	cl. 19.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation for fluorescent lamp circuits	IEC 60669-1 ed.3;am1;am2	cl. 19.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resistance to ageing and to humidity	IEC 60669-2-1 ed.4	cl. 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
Insulation resistance and electric strength	IEC 60669-2-1 ed.4	cl. 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 60669-2-1 ed.4	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Making and breaking capacity	IEC 60669-2-1 ed.4	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Additional test for electronic switch for control of motor speed	IEC 60669-2-1 ed.4	cl. 18.101	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Additional test for electronic switch for control of voltage of iron-core transformer for extra-low voltage incandescent lamps	IEC 60669-2-1 ed.4	cl. 18.102	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60669-2-1 ed.4	cl. 19.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation for fluorescent lamp circuits	IEC 60669-2-1 ed.4	cl. 19.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Abnormal conditions	IEC 60669-2-1 ed.4	cl. 101	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resistance to ageing and to humidity	IEC 60669-2-2 ed.3	cl. 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation resistance and electric strength	IEC 60669-2-2 ed.3	cl. 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 60669-2-2 ed.3	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Making and breaking capacity	IEC 60669-2-2 ed.3	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60669-2-2 ed.3	cl. 19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test for RCS energized by impulse	IEC 60669-2-2 ed.3	cl. 19.101	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test for RCS permanently energized	IEC 60669-2-2 ed.3	cl. 19.102	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Abnormal operation of the control circuit	IEC 60669-2-2 ed.3	cl. 101	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resistance to ageing and to humidity	IEC 60669-2-3 ed.3	cl. 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation resistance and electric strength	IEC 60669-2-3 ed.3	cl. 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 60669-2-3 ed.3	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Making and breaking capacity	IEC 60669-2-3 ed.3	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60669-2-3 ed.3	cl. 19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TDS at rated control voltage	IEC 60669-2-3 ed.3	cl. 19.101	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
TDS shall have adequate repetitive accuracy of delay time	IEC 60669-2-3 ed3	cl. 19.102	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TDS shall revert to full delay time	IEC 60669-2-3 ed.3	cl. 19.103	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resistance to ageing and to humidity	IEC 60669-2-4 ed.1	cl. 15	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation resistance and electric strength	IEC 60669-2-4 ed.1	cl. 16	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 60669-2-4 ed.1	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Making and breaking capacity	IEC 60669-2-4 ed.1	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Short-circuit withstand capability test	IEC 60669-2-4 ed.1	cl. 18.101	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60669-2-4 ed.1	cl. 19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Insulation resistance and electric strength	IEC 60884-1 ed.3; am1; am2	cl. 17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operation of earthing contact	IEC 60884-1 ed.3; am1; am2	cl. 18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 60884-1 ed.3; am1; am2	cl. 19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Breaking capacity	IEC 60884-1 ed.3; am1; am2	cl. 20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Normal operation	IEC 60884-1 ed.3; am1; am2	cl. 21	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 60898-1 ed.2	cl. 9.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 60898-1 ed.2	cl. 9.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28 days test	IEC 60898-1 ed.2	cl. 9.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical and electrical endurance	IEC 60898-1 ed.2	cl. 9.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at reduced short-circuit current	IEC 60898-1 ed.2	cl. 9.12.11.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tripping characteristics	IEC 60898-1 ed.2	cl. 9.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at short-circuit capacity	IEC 60898-1 ed.2	cl. 9.12.11.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verifications of circuit-breaker after short-circuit tests	IEC 60898-1 ed.2	cl. 9.12.12	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 60898-2 ed.1;am1	cl. 9.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 60898-2 ed.1;am1	cl. 9.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28 days test	IEC 60898-2 ed.1;am1	cl. 9.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
Mechanical and electrical endurance	IEC 60898-2 ed.1;am1	cl. 9.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at reduced short-circuit current	IEC 60898-2 ed.1;am1	cl. 9.12.11.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tripping characteristics	IEC 60898-2 ed.1;am1	cl. 9.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at short-circuit capacity	IEC 60898-2 ed.1;am1	cl. 9.12.11.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 61008-1 ed.3;am1;am2	cl. 9.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 61008-1 ed.3;am1;am2	cl. 9.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Impulse voltage	IEC 61008-1 ed.3;am1;am2	cl. 9.20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliability at 40°C	IEC 61008-1 ed.3;am1;am2	cl. 9.22.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ageing of electronic components	IEC 61008-1 ed.3;am1;am2	cl. 9.23	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical and electrical endurance	IEC 61008-1 ed.3;am1;am2	cl. 9.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Residual operating characteristics	IEC 61008-1 ed.3;am1;am2	cl. 9.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour in case of failure of the line voltage	IEC 61008-1 ed.3;am1;am2	cl. 9.17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unwanted tripping	IEC 61008-1 ed.3;am1;am2	cl. 9.19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DC components	IEC 61008-1 ed.3;am1;am2	cl. 9.21	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at idle time	IEC 61008-1 ed.3;am1;am2	cl. 9.11.2.3.a,b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non-operating current under over-current conditions	IEC 61008-1 ed.3;am1;am2	cl. 9.18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Verification of suitability of RCCB for use in IT-systems	IEC 61008-1 ed.3;am1;am2	cl. 9.11.2.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coordination at short-circuit at Inc, In and Idc	IEC 61008-1 ed.3;am1;am2	cl. 9.11.2.4.a,b,c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliability: climatic test	IEC 61008-1 ed.3;am1;am2	cl. 9.22.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 61009-1 ed.3;am1;am2	cl. 9.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise	IEC 61009-1 ed.3;am1;am2	cl. 9.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Impulse voltage	IEC 61009-1 ed.3;am1;am2	cl. 9.20	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliability at 40°C	IEC 61009-1 ed.3;am1;am2	cl. 9.22.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
Ageing of electronic components	IEC 61009-1 ed.3;am1;am2	cl. 9.23	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical and electrical endurance	IEC 61009-1 ed.3;am1;am2	cl. 9.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at reduced short-circuit current	IEC 61009-1 ed.3;am1;am2	cl. 9.12.11.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Residual operating characteristics	IEC 61009-1 ed.3;am1;am2	cl. 9.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour in case of failure of the line voltage	IEC 61009-1 ed.3;am1;am2	cl. 9.17	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Behaviour in case of surge current	IEC 61009-1 ed.3;am1;am2	cl. 9.19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DC components	IEC 61009-1 ed.3;am1;am2	cl. 9.21	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at idle time	IEC 61009-1 ed.3;am1;am2	cl. 9.12.13	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Performance at short-circuit at Inc, In and Idc	IEC 61009-1 ed.3;am1;am2	cl. 9.12.11.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reliability: climatic test	IEC 61009-1 ed.3;am1;am2	cl. 9.22.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 61439-1 ed.2	cl. 10.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Testing of protective circuit	IEC 61439-1 ed.2	cl. 10.5.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 61439-1 ed.2	cl. 10.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Short-circuit withstand strength	IEC 61439-1 ed.2	cl. 10.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dielectric properties	IEC 61439-2 ed.2	cl. 10.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Testing of protective circuit	IEC 61439-2 ed.2	cl. 10.5.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature rise test	IEC 61439-2 ed.2	cl. 10.10	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Short-circuit withstand strength	IEC 61439-2 ed.2	cl. 10.11	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical properties of terminals	IEC 60947-1 ed.5;am1; am2	cl. 8.2.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence I – General performance characteristics	IEC 60947-1 ed.5;am1; am2	cl. 8.3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence II – ICS (Rated service short-circuit breaking capacity)	IEC 60947-1 ed.5;am1; am2	cl. 8.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence III – ICU (Rated ultimate short-circuit breaking capacity)	IEC 60947-1 ed.5;am1; am2	cl. 8.3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence IV – Rated short time withstand current	IEC 60947-1 ed.5;am1; am2	cl. 8.3.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
Circuit breakers incorporating residual current protection	IEC 60947-1 ed.5;am1; am2	Annex B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical properties of terminals	IEC 60947-2 ed.4;am1; am2	cl. 8.2.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence I – General performance characteristics	IEC 60947-2 ed.4;am1; am2	cl. 8.3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence II – ICS (Rated service short-circuit breaking capacity)	IEC 60947-2 ed.4;am1; am2	cl. 8.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence III – ICU (Rated ultimate short-circuit breaking capacity)	IEC 60947-2 ed.4;am1; am2	cl. 8.3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence IV – Rated short time withstand current	IEC 60947-2 ed.4;am1; am2	cl. 8.3.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Circuit breakers incorporating residual current protection	IEC 60947-2 ed.4;am1; am2	Annex B	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical properties of terminals	IEC 60947-3 ed.3;am1; am2	cl. 8.2.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence I – General performance characteristics	IEC 60947-3 ed.3;am1; am2	cl. 8.3.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence II – Operational performance capability	IEC 60947-3 ed.3;am1; am2	cl. 8.3.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence III – Short-circuit performance capability	IEC 60947-3 ed.3;am1; am2	cl. 8.3.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence IV – Conditional short-circuit current	IEC 60947-3 ed.3;am1; am2	cl. 8.3.6	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence V – Overload performance capability	IEC 60947-3 ed.3;am1; am2	cl. 8.3.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mechanical properties of terminals	IEC 60947-4-1 ed.3;am1	cl. 8.2.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence I – General performance characteristics	IEC 60947-4-1 ed.3;am1	cl. 9.3.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence II – Rated making and breaking capacities	IEC 60947-4-1 ed.3;am1	cl. 9.3.1.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence III – Performance under short-circuit conditions	IEC 60947-4-1 ed.3;am1	cl. 9.3.1.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence IV – Verification of ability to withstand overload current	IEC 60947-4-1 ed.3;am1	cl. 9.3.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence I – General performance characteristics	IEC 60947-5-1 ed.3;am1	cl. 8.3.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence II – Making and breaking capacities of switching elements under normal conditions	IEC 60947-5-1 ed.3;am1	cl. 8.3.1.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test sequence III – Making and breaking capacities of	IEC 60947-5-1 ed.3;am1	cl. 8.3.1.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Name of the Test	Standard	Clause of the Standard	Assessment Team acceptance	
			Yes	No
switching elements under abnormal conditions				
Test sequence IV – Conditional short-circuit current	IEC 60947-5-1 ed.3;am1	cl. 8.3.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>