

Data Acceptance Program Client Information

File Number: DA487
 Party Site Number: 552045
 Company: Institute for International Product Safety GmbH
 Anniversary Date: 2022-02-16
 Test Facility Status: A
 Program Type: CBTU/ TPTDP
 Country: DE
 State:
 Address: Hein-Moeller Strasse 7-11
 Bonn 53115

Signatory Name	Signatory Status
Andreas Hospelt	A
Bernhard Schneider	A
Daniel Heimert	A
Florian Koppelke	A
Frank Woerdshoff	A
Herbert Schom	A
KLAUS HEIDELBERGER	A
Karin Richter	A
MATTHIAS HUNZE	A
PETER GROSSER	A
Pietro Palusi	A
Raimund Frings	A
Ralf Hartkamp	A
Toni Hoffmann	A

INSTRUCTIONS

If all tests validated by a single technical auditor, enter name and CCN(s) -----
 No need to reenter TA name on the individual tests.

If all validated tests performed by the same technician, enter name -----
 No need to reenter technician's name on the individual tests.

Note 1: If no NCRs are listed, all tests were successfully validated
 Note 2: "Scope Status" - Initially all tests are marked "A" as active. Use options below to mark tests with an appropriate option a, b, or c:
 a) Insert label "Add" if a test is added during this assessment
 b) Insert label "Remove" if a test is removed during this assessment.
 c) Insert label "X" if a test is validated.
 Note 3: "Accepted for witnessing by LSV" is for CTF only and insert label "LSV".
 Note 4: "Standard Edition" includes all editions of standards used by the lab.

TPTDP scope:

Standard Number	Standard Name	Standard Edition (Amendment)	Clause Name	Test Name	Scope Status	Acceptable for witnessing by LSV Note 3:	Technician Performing Test	Technical Auditor's Name & Test CCN:	NCR REF Number	Brief Comment (AS REQUIRED)
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	4.2.1	FLAME TEST 5V (500 W)	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	4.2.2	VERTICAL BURNING TEST - V-0, V-1 AND V-2 (50 W)	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	4.2.3	HORIZONTAL BURNING TEST - HB	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	9.2	ALTERNATIVE FLAME TEST (NEEDLE FLAME)	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	9.3	GLOW-WIRE RATING FOR END PRODUCT	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	9.4	MOLD STRESS-RELIEF TEST	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	9.5	PHYSICAL ABUSE	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	D1	125 MM FLAME TEST	A					
CSA-C22.2 No. 0.17	Evaluation of Properties of Polymeric Materials	2	D3	HORIZONTAL BURNING FLAME TEST (20MM)	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.11	SHORT CIRCUIT	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.11.7	MAGNETIC TRIP OUT TEST	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 52
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.11.8	COMBINATION SHORT CIRCUIT TEST	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.12	CONTROLLERS INTENDED FOR USE ON CIRCUITS CAPABLE OF DELIVERING HIGH FAULT CURRENTS	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.15.2	FLAMMABILITY OF ENCLOSURE	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 98
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.15.3	RESISTANCE TO IMPACT - ENCLOSURES	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.15.4	RESISTANCE TO IMPACT - OBSERVATION OPENINGS	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.15.5	POLYMERIC ENCLOSURE MATERIALS - DIELECTRIC STRENGTH	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.15.6	CONDUIT CONNECTIONS	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.16	SECUREMENT OF SNAP-ON COVERS	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.17	COMPRESSION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.18	DEFLECTION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.19	TRANSIENT-VOLTAGE-SURGE SUPPRESSION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.2	TEMPERATURE	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.10
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.20	DIELECTRIC VOLTAGE-WITHSTAND TEST IN LIEU OF MEASURING SPACINGS	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.22	VOLTAGE WITHSTAND	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.23.1	TEMPERATURE	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.23.2	OVERLOAD AND ENDURANCE	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47, 49
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.23.3	DIELECTRIC STRENGTH	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.23.4	SHORT CIRCUIT	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 52
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.25	STRAIN RELIEF	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.3	OVERVOLTAGE AND UNDERVOLTAGE	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.4	OVERLOAD RELAY CALIBRATION	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 50
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.5	OVERLOAD	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.6	ENDURANCE	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.7	CURRENT WITHSTAND TEST	A					
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.8	DIELECTRIC STRENGTH	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	12	6.9	BURNOUT	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.11	SHORT CIRCUIT	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.11.7	MAGNETIC TRIP-OUT TEST	A	N/A		Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 52
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.11.8	COMBINATION SHORT-CIRCUIT	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.12	HIGH FAULT CURRENTS	A	N/A		Dirk Müller/NLDY	N/A	see UL508, 18.Ed, clause 54
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.15.2	FLAMMABILITY OF ENCLOSURE	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.15.3	RESISTANCE TO IMPACT - ENCLOSURES	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.15.4	RESISTANCE TO IMPACT - OBSERVATION OPENINGS	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.15.5	DIELECTRIC STRENGTH	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.15.6	CONDUIT CONNECTION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.18	DEFLECTION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.19	TRANSIENT-VOLTAGE-SURGE SUPPRESSION	A					
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.2	TEMPERATURE	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.20	DIELECTRIC VOLTAGE-WITHSTAND TEST IN LIEU OF MEASURING SPACINGS	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9
CSA-C22.2 No. 14	Industrial Control Equipment	13	6.22	VOLTAGE WITHSTAND	A	N/A		Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.9

IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.2.3.2	RESISTANCE TO ABNORMAL HEAT AND FIRE DUE TO INTERNAL ELECTRIC EFFECTS	A				
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.2.5	MECHANICAL IMPACT	A				
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.2.6	MARKING	A				
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.2.7	DEGREE OF PROTECTION OF ENCLOSURES	A				
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.3	CLEARANCES AND CREEPAGE DISTANCES	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.3
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.4	PROTECTION AGAINST ELECTRIC SHOCK AND INTEGRITY OF PROTECTIVE CIRCUITS	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.4
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.5	DIELECTRIC PROPERTIES	A				
IEC 61439-2	Low-Voltage Switchgear and Controlgear Assemblies - Part 2: Power Switchgear and Controlgear Assemblies	2020	10.9	VERIFICATION OF TEMPERATURE RISE	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.9
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.10	SHORT-CIRCUIT WITHSTAND STRENGTH	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.10
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.11	ELECTROMAGNETIC COMPATIBILITY (EMC)	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.12	MECHANICAL OPERATION	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.13	ABILITY TO WITHSTAND MECHANICAL LOADS	A	N/A	Dirk Müller/NLX	N/A	see UL508, 18.Ed, clause 111
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.101	THERMAL CYCLING TEST	A	N/A	Dirk Müller/NLX	N/A	see UL508, 18.Ed, clause 10
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.102	RESISTANCE TO CORROSION	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.2	THERMAL STABILITY	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.3.1	RESISTANCE TO ABNORMAL HEAT AND FIRE DUE TO INTERNAL ELECTRIC EFFECTS	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.3.2	MECHANICAL IMPACT	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.6	MARKING	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.2.7	DEGREE OF PROTECTION OF ENCLOSURES	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.3	CLEARANCES AND CREEPAGE DISTANCES	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.3
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.4	PROTECTION AGAINST ELECTRIC SHOCK AND INTEGRITY OF PROTECTIVE CIRCUITS	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.4
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.5	DIELECTRIC PROPERTIES	A				
IEC 61439-6	Low-Voltage Switchgear and Controlgear Assemblies - Part 6: Busbar Trunking Systems (Busways)	1.0	10.9	VERIFICATION OF TEMPERATURE RISE	A	N/A	Dirk Müller/61439	N/A	see UL61439-1, Ed2.0, clause 10.9
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.1	VISUAL INSPECTION	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.1	MECHANICAL TESTS - CLEARANCE AND CREEPAGE DISTANCE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.2	MECHANICAL TESTS - PWB SHORT-CIRCUIT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.3	MECHANICAL TESTS - NON-ACCESSIBILITY	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.4	MECHANICAL TESTS - ENCLOSURE INTEGRITY	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.5.2	MECHANICAL TESTS - DEFORMATION - DEFLECTION	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.2.5.3	MECHANICAL TESTS - DEFORMATION - IMPACT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.1	ELECTRICAL TESTS - IMPULSE VOLTAGE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.2	ELECTRICAL TESTS - AC OR DC VOLTAGE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.4	ELECTRICAL TESTS - PROTECTIVE IMPEDANCE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.5	ELECTRICAL TESTS - TOUCH CURRENT MEASUREMENT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.6.3	ELECTRICAL TESTS - SHORT-CIRCUIT TEST AND BREAKDOWN OF COMPONENTS TEST - SHORT-CIRCUIT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.6.4	ELECTRICAL TESTS - SHORT-CIRCUIT TEST AND BREAKDOWN OF COMPONENTS TEST - BREAKDOWN OF COMPONENTS TEST	A	N/A	Dirk Müller/NMMS	N/A	see UL61800-5-1, clause 5.2.3.6.2.1DV.5
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.7	ELECTRICAL TESTS - CAPACITOR DISCHARGE	A	N/A	Dirk Müller/NMMS	N/A	see UL61800-5-1, clause 5.2.3.6.4
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.8	ELECTRICAL TESTS - TEMPERATURE RISE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.3.9	ELECTRICAL TESTS - PROTECTIVE BONDING	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.4.4	ABNORMAL OPERATION TESTS - LOSS OF PHASE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.4.5.2	ABNORMAL OPERATION TESTS - COOLING FAILURE TESTS - INOPERATIVE BLOWER	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.4.5.3	ABNORMAL OPERATION TESTS - COOLING FAILURE TESTS - CLOGGED FILTER	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.5.2	MATERIAL TESTS - GLOW WIRE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.5.4	MATERIAL TESTS - FLAMMABILITY	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.6.3.1	ENVIRONMENTAL TESTS - CLIMATIC TESTS - DRY HEAT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.6.3.2	ENVIRONMENTAL TESTS - CLIMATIC TESTS - DAMP HEAT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.0	5.2.6.4	ENVIRONMENTAL TESTS - VIBRATION	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.1	VISUAL INSPECTION	A	N/A	Dirk Müller/NMMS	N/A	Based on report VA1802493 (IEC 61131-2, 60068-2-6)
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.1	MECHANICAL TESTS - CLEARANCE AND CREEPAGE DISTANCE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.2	MECHANICAL TESTS - PWB SHORT-CIRCUIT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.3	MECHANICAL TESTS - NON-ACCESSIBILITY	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.4	MECHANICAL TESTS - ENCLOSURE INTEGRITY	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.5.2	MECHANICAL TESTS - DEFORMATION - DEFLECTION	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.2.5.3	MECHANICAL TESTS - DEFORMATION - IMPACT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.1	ELECTRICAL TESTS - IMPULSE VOLTAGE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.2	ELECTRICAL TESTS - AC OR DC VOLTAGE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.4	ELECTRICAL TESTS - PROTECTIVE IMPEDANCE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.5	ELECTRICAL TESTS - TOUCH CURRENT MEASUREMENT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.6.3	ELECTRICAL TESTS - SHORT-CIRCUIT TEST AND BREAKDOWN OF COMPONENTS TEST - SHORT-CIRCUIT	A				
						N/A	Dirk Müller/NMMS	N/A	see UL61800-5-1, clause 5.2.3.6.2.1DV.5

IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.6.4	ELECTRICAL TESTS - SHORT-CIRCUIT TEST AND BREAKDOWN OF COMPONENTS TEST - BREAKDOWN OF COMPONENTS	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.7	ELECTRICAL TESTS - CAPACITOR DISCHARGE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.8	ELECTRICAL TESTS - TEMPERATURE RISE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.3.9	ELECTRICAL TESTS - PROTECTIVE BONDING	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.4.4	ABNORMAL OPERATION TESTS - LOSS OF PHASE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.4.5.2	ABNORMAL OPERATION TESTS - COOLING FAILURE TESTS - INOPERATIVE BLOWER	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.4.5.3	ABNORMAL OPERATION TESTS - COOLING FAILURE TESTS - CLOGGED FILTER	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.6.3.1	ENVIRONMENTAL TESTS - CLIMATIC TESTS - DRY HEAT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.6.3.2	ENVIRONMENTAL TESTS - CLIMATIC TESTS - DAMP HEAT	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.6.4	ENVIRONMENTAL TESTS - VIBRATION	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.5.2	MATERIAL TESTS - GLOW WIRE	A				
IEC 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	2.1	5.2.5.4	MATERIAL TESTS - FLAMMABILITY	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.1	VERIFICATION OF TEMPERATURE-RISE LIMITS	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.2	VERIFICATION OF DIELECTRIC PROPERTIES	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.3	VERIFICATION OF THE SHORT-CIRCUIT WITHSTAND STRENGTH	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.4	VERIFICATION OF THE EFFECTIVENESS OF THE PROTECTIVE CIRCUIT	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.5	VERIFICATION OF CLEARANCES AND CREEPAGE DISTANCES	A				
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.6	VERIFICATION OF MECHANICAL OPERATION	A				
IEC 61921+36:433	Power Capacitors - Low-Voltage Power Factor Correction Banks	1.0	7.2.7	VERIFICATION OF THE DEGREE OF PROTECTION	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 89
UL 1008	Transfer Switch Equipment	8	9.10	OVERLOAD	A	N/A	Dirk Müller/NLDX	N/A	see UL61439-1, Ed2.0, clause 10.9
UL 1008	Transfer Switch Equipment	8	9.12	ENDURANCE TEST	A				
UL 1008	Transfer Switch Equipment	8	9.13	SHORT CIRCUIT TEST	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 1008	Transfer Switch Equipment	8	9.8	TEMPERATURE RISE TEST	A				
UL 1008	Transfer Switch Equipment	8	9.9	DIELECTRIC VOLTAGE-WITHSTAND TEST	A				
UL 1059	TERMINAL BLOCKS	4	11	TEMPERATURE	A				
UL 1059	TERMINAL BLOCKS	4	13	SOLID-WIRE TIGHTENING TEST	A				
UL 1059	TERMINAL BLOCKS	4	14	TAB PULL	A				
UL 1059	TERMINAL BLOCKS	4	15	VERIFICATION OF THE PERFORMANCE OF TERMINAL ASSEMBLIES	A				
UL 1059	TERMINAL BLOCKS	4	16	MOLD STRESS RELIEF	A				
UL 1059	TERMINAL BLOCKS	4	29	SECURENESS AND PULLOUT	A				
UL 1059	TERMINAL BLOCKS	4	30	CONDITIONING-SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	4	31	TEMPERATURE-SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	4	32	DIELECTRIC VOLTAGE-WITHSTAND TEST - SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	4	33	HEAT CYCLING-SPRING FORCE CONNECTION	A				
UL 1059	TERMINAL BLOCKS	4	50	SHORT TIME CURRENT SEQUENCE	A				
UL 1059	TERMINAL BLOCKS	4	51	SHORT TIME CURRENT SEQUENCE	A				
UL 1059	TERMINAL BLOCKS	4	SUPPLEMENT SA	SHORT CIRCUIT CURRENT RATINGS FOR TERMINAL BLOCKS	A				
UL 1059	TERMINAL BLOCKS	5	11	TEMPERATURE	A				
UL 1059	TERMINAL BLOCKS	5	13	SOLID-WIRE TIGHTENING TEST	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 13
UL 1059	TERMINAL BLOCKS	5	14	TAB PULL	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 14
UL 1059	TERMINAL BLOCKS	5	15	VERIFICATION OF THE PERFORMANCE OF TERMINAL ASSEMBLIES	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 15
UL 1059	TERMINAL BLOCKS	5	16	MOLD STRESS RELIEF	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 16
UL 1059	TERMINAL BLOCKS	5	29	SECURENESS AND PULLOUT	A				
UL 1059	TERMINAL BLOCKS	5	30	CONDITIONING-SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	5	31	TEMPERATURE-SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	5	32	DIELECTRIC VOLTAGE-WITHSTAND TEST - SPRING FORCE CONNECTIONS	A				
UL 1059	TERMINAL BLOCKS	5	33	HEAT CYCLING-SPRING FORCE CONNECTION	A				
UL 1059	TERMINAL BLOCKS	5	50	SHORT TIME CURRENT SEQUENCE	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 50
UL 1059	TERMINAL BLOCKS	5	51	SHORT TIME CURRENT SEQUENCE	A	N/A	Dirk Müller, XCFR	N/A	the same test like UL1059 4th Edition, cl. 51
UL 1059	TERMINAL BLOCKS	5	SUPPLEMENT SA	SHORT CIRCUIT CURRENT RATINGS FOR TERMINAL BLOCKS	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	19	OVERCURRENT PROTECTORS - CALIBRATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	20	OVERCURRENT PROTECTORS - TEMPERATURE	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	21	OVERCURRENT PROTECTORS - OVERLOAD TEST	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	22	OVERCURRENT PROTECTORS - ENDURANCE	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	23	OVERCURRENT PROTECTORS - DIELECTRIC STRENGTH AND VOLTAGE-WITHSTAND	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	24	OVERCURRENT PROTECTORS - RECALIBRATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	25	OVERCURRENT PROTECTORS - SHORT CIRCUIT	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.2	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-TEMPERATURE	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.3	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-TEMPERATURE	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.4	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.5	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.6	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.7	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	30.8	OVERVOLTAGE-TRIP APPLIANCE PROTECTORS-OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	31.2	UNDERVOLTAGE-TRIP PROTECTORS - TEMPERATURE	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	31.3	UNDERVOLTAGE-TRIP PROTECTORS - OVERVOLTAGE	A	N/A	Dirk Müller/NLDX	N/A	see 508, 18.Ed, clause 46
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	31.4	UNDERVOLTAGE-TRIP PROTECTORS - OPERATION	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	31.5	UNDERVOLTAGE-TRIP PROTECTORS - OVERLOAD	A				
UL 1077	Supplementary Protectors for Use in Electrical Equipment	7	31.6	UNDERVOLTAGE-TRIP PROTECTORS - ENDURANCE	A				
						N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49

UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	15.3.3	UNDERVOLTAGE-TRIP RELEASE DEVICES-OPERATION TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	15.3.4	UNDERVOLTAGE-TRIP RELEASE DEVICES-ENDURANCE TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	15.3.5	UNDERVOLTAGE-TRIP RELEASE DEVICES-DIELECTRIC VOLTAGE-WITHSTAND TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	15.3.6	UNDERVOLTAGE-TRIP RELEASE DEVICES-CONTACT CLOSING TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.11	HIGH AVAILABLE FAULT CURRENT TEST SEQUENCE	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.2.2	200 PERCENT CALIBRATION	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.2.3	135 PERCENT CALIBRATION	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.2.4	100 PERCENT CALIBRATION	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.2.5	ADJUSTABLE INSTANTANEOUS TRIP CALIBRATION TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.3	OVERLOAD	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.4	TEMPERATURE	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.5	ENDURANCE	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.6	CALIBRATION	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.7	INTERRUPTING TEST	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.8	TRIP-OUT AT 200 PERCENT CURRENT	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.1.9	DIELECTRIC VOLTAGE-WITHSTAND	A				
UL 489/CSA-C22.2 No. 5	Molded-Case Circuit Breakers, Molded-Case Switches and Circuit-Breaker Enclosures	13/4	7.3.1.5	CALIBRATION TEST	A				
UL 489A	Circuit Breakers for Use in Communications Equipment	1	09	CALIBRATION TEST	A				
UL 489A	Circuit Breakers for Use in Communications Equipment	1	10	OVERLOAD TEST	A				
UL 489A	Circuit Breakers for Use in Communications Equipment	1	11	TEMPERATURE	A				
UL 489A	Circuit Breakers for Use in Communications Equipment	1	12	ENDURANCE TEST	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 489A	Circuit Breakers for Use in Communications Equipment	1	13	INTERRUPTING TEST	A				
UL 489A	Circuit Breakers for Use in Communications Equipment	1	14	HIGH AMBIENT CONDITIONING TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	10	ENDURANCE TEST	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	11	TEMPERATURE TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	12	100 PERCENT CALIBRATION AT 50°C	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	13	LIMITED FAULT INTERRUPTING TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	14	STANDARD FAULT INTERRUPTING TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	15	DIELECTRIC VOLTAGE-WITHSTAND TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	20	ABNORMAL CURRENT OPENING TEST	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 201
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	21	SHORT CIRCUIT CURRENT WITHSTAND TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	22	DIELECTRIC VOLTAGE-WITHSTAND TEST	A				
UL 489B	Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	1	27	SHORT CIRCUIT CURRENT	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	10	ENDURANCE	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	11	TEMPERATURE	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	12	100 PERCENT CALIBRATION AT 50C	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	13	LIMITED FAULT INTERRUPTING	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	14	STANDARD FAULT INTERRUPTING	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	15	DIELECTRIC VOLTAGE-WITHSTAND	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	20	ABNORMAL CURRENT OPENING	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 201
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	21	SHORT CIRCUIT CURRENT WITHSTAND	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	22	DIELECTRIC VOLTAGE-WITHSTAND	A				
UL 489B	Outline of Investigation for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures for Use with Photovoltaic (PV) Systems	4	27	SHORT CIRCUIT CURRENT TEST	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.1	COMPARATIVE DEFLECTION (ENCLOSURE)	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.10	CRUSHING RESISTANCE	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.11	MOLD STRESS RELIEF	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.2	DEFLECTION (DOORS AND COVERS)	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.4	MULTIPLE KNOCKOUTS TEST	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.6.2	POLYMERIC ENCLOSURES - RIGID METALLIC CONDUIT CONNECTIONS - PULLOUT	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.6.3	POLYMERIC ENCLOSURES - RIGID METALLIC CONDUIT CONNECTIONS - TORQUE	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.6.4	POLYMERIC ENCLOSURES - RIGID METALLIC CONDUIT CONNECTIONS - BENDING	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.6.5	BREAKOUTS	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.7.2	TORQUE	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.7.3	BENDING MOMENT	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.8	METALLIC ENCLOSURE CONDUIT HUB TEST	A				
UL 50/CSA-C22.2 No. 94.1	Enclosures for Electrical Equipment, Non-Environmental Considerations	13/2	8.9	ROD ENTRY TEST	A				
UL 506	SPECIALTY TRANSFORMERS	12	28	HEATING	A				
UL 506	SPECIALTY TRANSFORMERS	12	30	OVERLOAD	A				
UL 506	SPECIALTY TRANSFORMERS	12	32	LIFTING OR MOUNTING MEANS	A				
UL 506	Specialty Transformers	13	29	HEATING	A				
UL 506	SPECIALTY TRANSFORMERS	14	34.2	OVERLOAD TEST	A	Mr. Krings	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
UL 506	SPECIALTY TRANSFORMERS	14	29	HEATING TEST	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	113	HUB AND NIPPLE TESTS	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	114	FLOAT SWITCH TESTS	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	137	AUXILIARY DEVICES - OVERLOAD	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	138	AUXILIARY DEVICES - ENDURANCE	A	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	160	LOCKED ROTOR ENDURANCE TEST	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	161	PART WINDING ENDURANCE TEST	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	173B	INPUT TEST	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	174A	NORMAL OPERATION TEST	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	174B	ABNORMAL OPERATION PAR. 174B	A				
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	174C	BURNOUT TEST	A	Peter Grosser	Dirk Müller/NLDX	N/A	
UL 508	INDUSTRIAL CONTROL EQUIPMENT	17	174D	INOPERATIVE BLOWER MOTOR TEST	A				

UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.4.5.3	CLOGGED FILTER	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.4.5.4	LOSS OF COOLANT	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.4.5.5DV	CONTACTOR OVERLOAD	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.4.5.6DV	CURRENT LIMITING CONTROL	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.5.1	HIGH CURRENT ARCING IGNITION	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.5.2	GLOW-WIRE	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.5.4	MATERIAL TEST - FLAMMABILITY	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.6.3.1	ENVIRONMENTAL TESTS - DRY HEAT	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.6.3.2	ENVIRONMENTAL TESTS - DAMP HEAT	A
UL 61800-5-1	Adjustable Speed Electrical Power Drive Systems - Part 5-1: Safety Requirements - Electrical, Thermal and Energy	1	5.2.6.4	ENVIRONMENTAL TESTS - VIBRATION	A
UL 67	Panelboards	12	19	TEMPERATURE TEST	A
UL 67	Panelboards	12	20	RAIN TEST	A
UL 67	Panelboards	12	21	STRENGTH OF INSULATING BASE AND SUPPORT TEST	A
UL 67	Panelboards	12	22	MOLD STRESS RELIEF TEST	A
UL 67	Panelboards	12	23	SHORT-CIRCUIT CURRENT TEST	A
UL 67	Panelboards	12	24	DIELECTRIC VOLTAGE-WITHSTAND TEST	A
UL 67	Panelboards	12	25	BONDING RESISTANCE TEST	A
UL 67	Panelboards	13	21	TEMPERATURE	A
UL 67	Panelboards	13	22	RAIN	A
UL 67	Panelboards	13	23	STRENGTH OF INSULATING BASE AND SUPPORT	A
UL 67	Panelboards	13	24	MOLD STRESS RELIEF	A
UL 67	Panelboards	13	25	SHORT-CIRCUIT CURRENT	A
UL 67	Panelboards	13	26	DIELECTRIC VOLTAGE-WITHSTAND	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	15, 50	FLAMMABILITY - 12 MM FLAME	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	16, 51	FLAMMABILITY - 20 MM (3/4 INCH) FLAME	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	17, 52	FLAMMABILITY - 127 MM (5 INCH) FLAME	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	21, 55	CRUSHING RESISTANCE	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	22, 56	RESISTANCE TO IMPACT	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	29, 61	MOLD STRESS-RELIEF DISTORTION	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	31	STRAIN-RELIEF TEST AFTER MOLD STRESS-RELIEF DISTORTION	A
UL 746C	Polymeric Materials - Use in Electrical Equipment Evaluations	7	73	GLOW-WIRE END-PRODUCT TEST	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	15,50	FLAMMABILITY - 12 MM FLAME	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	16,51	FLAMMABILITY - 20 MM (3/4-INCH) FLAME	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	17,52	FLAMMABILITY - 127 MM (5 INCH) FLAME	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	21,55	CRUSHING RESISTANCE	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	22,56	RESISTANCE TO IMPACT TEST	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	29,61	MOLD STRESS-RELIEF DISTORTION	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	31	STRAIN-RELIEF TEST AFTER MOLD STRESS-RELIEF DISTORTION	A
UL 746C	POLYMERIC MATERIALS-USE IN ELECTRICAL EQUIPMENT EVALUATIONS	6	73	GLOW-WIRE END-PRODUCT	A
UL 840	INSULATION COORDINATION INCLUDING CLEARANCES AND CREEPAGE DISTANCES FOR ELECTRICAL EQUIPMENT	3	14	DIELECTRIC VOLTAGE-WITHSTAND	A
UL 845/CSA-C22.2 No. 254	Motor Control Centers	5/1	9.3	TEMPERATURE-RISE TESTS	A
UL 845/CSA-C22.2 No. 254	Motor Control Centers	5/1	9.4	OVERVOLTAGE AND UNDERVOLTAGE	A
UL 845/CSA-C22.2 No. 254	Motor Control Centers	5/1	9.5	DIELECTRIC VOLTAGE-WITHSTAND TESTS	A
UL 857	Busways	13	8.2.1	OVERVOLTAGE/UNDERVOLTAGE VERIFICATION OF TEMPERATURE-RISE LIMITS	A
UL 857	Busways	13	8.2.2	VERIFICATION OF DIELECTRIC VOLTAGE WITHSTAND	A
UL 857	Busways	13	8.2.3	VERIFICATION OF SHORT-CIRCUIT WITHSTAND STRENGTH	A
UL 857	Busways	13	8.2.4	VERIFICATION OF ELECTRICAL CONDUCTIVITY	A
UL 857	Busways	13	8.2.7.1	VERIFICATION OF BENDING RESISTANCE	A
UL 857	Busways	13	8.2.7.2	VERIFICATION OF IMPACT STRENGTH	A
UL 857	Busways	13	8.2.7.3	VERIFICATION OF CRUSHING RESISTANCE	A
UL 891	DEAD-FRONT SWITCHBOARDS	11	9.2.3.5	AFTER SHORT CIRCUIT DIELECTRIC	A
UL 891	DEAD-FRONT SWITCHBOARDS	11	9.2.4	SHORT CIRCUIT	A
UL 94	Tests for Flammability of Plastic Materials for Parts in Devices and Appliances	6	7	HORIZONTAL BURNING: HB	A
UL 94	Tests for Flammability of Plastic Materials for Parts in Devices and Appliances	6	8	50 W (20 MM) VERTICAL BURNING: V-0, V-1, V-2	A
UL 94	Tests for Flammability of Plastic Materials for Parts in Devices and Appliances	6	9	500 W (125 MM) VERTICAL BURNING: 5VA OR 5VB	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.2	HEATING TEST	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.3	OVERLOAD TEST	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.4	ENDURANCE TEST	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.5	DIELECTRIC VOLTAGE-WITHSTAND TEST	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.7	SHORT-CIRCUIT WITHSTAND TEST	A
UL 98	ENCLOSED AND DEAD-FRONT SWITCHES	13	7.9	SHORT-CIRCUIT CLOSING TEST	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.2	HEATING	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.3	OVERLOAD	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.4	ENDURANCE	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.5	DIELECTRIC VOLTAGE WITHSTAND	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.7	CLOSE-OPEN	A
UL 98/CSA-C22.2 No. 4	Enclosed and Dead-Front Switches	14/8	7.9	LOW LEVEL DIELECTRIC VOLTAGE WITHSTAND	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	10	10	VOLTAGE WITHSTAND TEST	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	5	7	TEMPERATURE TEST	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	6	7	OVERLOAD TEST	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	7	8	ENDURANCE TEST	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	8	8	DIELECTRIC VOLTAGE WITHSTAND TEST	A
UL Subject 508I	Outline of Investigation for Manual Disconnect Switches for Use in Photovoltaic Systems	9	9	SHORT CIRCUIT TEST	A
UL2251	Standard for Plugs, Receptacles, and Couplers for Electric Vehicles	4	39	Short Circuit Test	A
CSA C22.2 No 282-17	Plugs, receptacles, and couplers for electric vehicles	2	39	Short Circuit Test	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.11	VERIFICATION OF SHORT-CIRCUIT WITHSTAND STRENGTH	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.9	VERIFICATION OF DIELECTRIC PROPERTIES	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.3	VERIFICATION OF DEGREE OF PROTECTION OF ENCLOSURES	A

	N/A	Dirk Müller/NMMS	N/A	see UL61800-5-1, clause 5.2.4.5.3
	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
	N/A	Dirk Müller/NMMS	N/A	Based on report VA1802493 (IEC 61131-2, 60068-2-6)
	N/A	Dirk Müller/61439	N/A	see IEC 61439, Ed2.0, clause 10.10
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.10
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.10
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.10
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.10
	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 47
	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 49
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.9
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2.0, clause 10.3

IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.4	VERIFICATION OF CLEARANCES AND CREEPAGE DISTANCES	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.5	PROTECTION AGAINST ELECTRIC SHOCK AND INTEGRITY OF PROTECTIVE CIRCUITS	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.13	VERIFICATION OF MECHANICAL OPERATION	A
IEC 61921	Power Capacitors - Low-Voltage Power Factor Correction Banks	2.0	7.1	VERIFICATION OF TEMPERATURE-RISE LIMITS	A

	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.4
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.5
	N/A	Dirk Müller/NLDX	N/A	see UL508, 18.Ed, clause 111
	N/A	Dirk Müller/61439	N/A	see IEC 61439-1, Ed2,0, clause 10.10

CBTL Scope:

IEC 60439-1:1999	Covered with audit of the above 60947 sta
IEC 60439-1:1999/AMD1:2004	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-1:1992	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-1:1992/AMD1:1995	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-1:1992/AMD2:1996	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-2:2000	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-2:2000/AMD1:2005	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-2:1987	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-2:1987/AMD1:1991	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-3:1990	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-3:1990/AMD1:1993	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-3:1990/AMD2:2001	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60439-4:2004	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:2007	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:2007/AMD1:2010	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:2007/AMD2:2014	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:2004	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:1999	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:1999/AMD1:2000	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-1:1999/AMD2:2001	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:2016	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:2006	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:2006/AMD1:2009	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:2006/AMD2:2013	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:2003	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:1995	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:1995/AMD1:1997	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-2:1995/AMD2:2001	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:2008	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:2008/AMD1:2012	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:2008/AMD2:2015	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:1999	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:1999/AMD1:2001	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-3:1999/AMD2:2005	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2018	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2009	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2009/AMD1:2012	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2000	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2000/AMD1:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-1:2000/AMD2:2005	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-2:2011	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-2:1999	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-2:1999/AMD1:2001	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-2:1999/AMD2:2006	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-3:2014	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-3:1999	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-3:1999/AMD1:2006	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-4-3:1999/AMD2:2011	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-1:2016	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-1-2003	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-1-2003/AMD1:2009	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-4:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-5:1997	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-5:1997/AMD1:2005	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-5-5:1997/AMD2:2016	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-6-1:2005	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-6-1:2005/AMD1:2013	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-6-2:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-6-2:2002/AMD1:2007	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-7-1:2009	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-7-1-2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-7-2:2009	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60947-7-2:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 61439-1:2011	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-1:2009	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-2:2011	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-2:2009	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-3:2012	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-4:2012	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-5:2014	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 61439-6:2012	Covered with audit of the above 61439 standards of the TPTDP scope
IEC 60898-1:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60898-1:2002/AMD1:2002	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60898-2:2000	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 60898-2:2000/AMD1:2003	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 61008-1:1996	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 61008-2-1:1990	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 61009-1:1996	Covered with audit of the above 60947 standards of the TPTDP scope
IEC 61009-2-1:1991	Covered with audit of the above 60947 standards of the TPTDP scope