

Accreditation of the testing laboratory (center)
Testing Center of the Cheboksary Electrical Apparatus Plant Joint-Stock Company, No. RA.RU.22ML18
name of the testing laboratory (center)
5, I.Yakovleva Avenue, Cheboksary, 428020, Chuvash Republic, Russia
address of the place of activity:

Seq. No.	Documents specifying the norms and methods of research (test), measurement	Object	OKPD2 code	Customs commodity code EAEU:	Defined characteristic (indicator)	Determination range
1	2	3	4	5	6	7
1.	GOST 30630.1.1 cl. 4.7	Machines, devices and other technical products of all types	-	8501 8504	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
2.	GOST 30630.1.1 cl. 4.10	Machines, devices and other technical products of all types		8535 90 8536 90	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
3.	GOST 30630.1.1 cl. 4.11	Machines, devices and other technical products of all types		8504 40 8536 20	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
4.	GOST 30630.1.1 cl. 5	Machines, devices and other technical products of all types		8536 50 8536	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
5.	GOST 17516 Appendix 2, cl. 1	Electrical products		901009 8538	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
6.	GOST 17516 Appendix 2, cl. 2	Electrical products		8536 41 8536 49	Mechanical impacts (10-2000 Hz, 0-430 m/s ²)	withstood / did not withstand
7.	GOST 17516 Appendix 2, cl. 3	Electrical products		8536 30 8505 20	Mechanical impacts (40-10,000 m/s ²)	withstood / did not withstand
8.	GOST 17516 Appendix 2, cl. 4	Electrical products		8537 10 8546 909000 8536 69 8546 901000 9032 102000 9032 900009 9030 339900 9030 209009 8536 699008	Mechanical impacts (40-10,000 m/s ²)	withstood / did not withstand

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9.	GOST 10169 cl. 3	Three-phase synchronous machines			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
10.	GOST 10169 cl.6	Three-phase synchronous machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
11.	GOST 10169 cl.7	Three-phase synchronous machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
12.	GOST 27888 (IEC 34-11-1) cl.7.2	Electrical machines			Heating with rated current (0–4,000A, -60 - to +250 °C)	withstood / did not withstand
13.	GOST 27888 (IEC 34-11-1) cl.7.3	Electrical machines			Heating with rated current (0–4,000A, -60 - to +250 °C)	withstood / did not withstand
14.	GOST 27888 (IEC 34-11-1) cl.7.4	Electrical machines			Heating with rated current (0–4,000A, -60 - to +250 °C)	withstood / did not withstand
15.	GOST 27888 (IEC 34-11-1) cl.8.1.1	Electrical machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
16.	GOST IEC 60034-1 cl.9.2	DC and AC electrical machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
17.	GOST IEC 60034-1 cl.9.3	DC and AC electrical machines			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
18.	GOST IEC 60034-1 cl.9.4	DC and AC electrical machines			Resistance to short-term motor over-torque	withstood / did not withstand
19.	GOST R 53148 (IEC 60034-9) cl.4	Electrical machines			Octave band sound power measurement (24–137 dB)	withstood / did not withstand
					Sound level and pressure measurement (24–137 dB, 10-20,000 Hz)	withstood / did not withstand
20.	GOST 30011.1 (IEC 60947-1) cl.8.3.3.3	Low-voltage switchgear and controlgear			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
21.	GOST 30011.1 (IEC 60947-1) cl.8.3.3.4	Low-voltage switchgear and controlgear			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
22.	GOST R 50030.2 (IEC 60947-2) cl.8.3.3.2	Circuit breakers			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
23.	GOST R 50030.2 (IEC 60947-2) cl.8.3.3.3	Circuit breakers			Resistance to mechanical actuation	withstood / did not withstand
24.	GOST R 50030.2 (IEC 60947-2) cl.8.3.3.5	Circuit breakers			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
25.	GOST R 50030.2 (IEC 60947-2) cl.8.3.3.6	Circuit breakers			Heating with rated current (0–4,000A, -60 - to	withstood / did

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					+250°C)	not withstand
26.	GOST R 50030.3 (IEC 60947-3) cl.8.1.3.3	Breakers, disconnectors, disconnector switches and their combinations with fuses			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
27.	GOST R 50030.3 (IEC 60947-3) cl.8.3.3.1	Breakers, disconnectors, disconnector switches and their combinations with fuses			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
28.	GOST R 51327.1 (IEC 61009-1) cl.9.7	Circuit breakers			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
29.	GOST IEC 60730-2-2 cl.13	Motor thermal protectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
30.	GOST IEC 60730-2-4 cl.13	Motor thermal protectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
31.	GOST IEC 60730-2-7 cl.13	Time controllers and time switches for household and similar appliances			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
32.	GOST IEC 60730-2-9 cl.13	Automatic electrical temperature sensitive control devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
33.	GOST R IEC 730-2-10 cl.13	Control devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
34.	GOST 30011.5.1 (IEC 60947-5-1) cl.8.3.3.3	Control circuit devices and switching elements			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
35.	GOST 30011.5.1 (IEC 60947-5-1) cl.8.3.3.4	Control circuit devices and switching elements			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
36.	GOST 30011.5.1 (IEC 60947-5-1) cl.8.3.3.5	Control circuit devices and switching elements			Resistance to making and breaking capacity	withstood / did not withstand
37.	GOST R 50030.5.5 (IEC 60947-5-5) cl.7	Electric devices and control circuit switching elements			Mechanical structure stability	withstood / did not withstand

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38.	GOST R 50030.6.1 (IEC 60947-6-1) cl.9.3.3.3	Transfer switching equipment			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
39.	GOST R 50030.6.1 (IEC 60947-6-1) cl.9.3.3.4	Transfer switching equipment			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
40.	GOST R 50030.6.1 (IEC 60947-6-1) cl.9.3.3.5	Transfer switching equipment			Resistance to making and breaking capacity	withstood / did not withstand
41.	GOST R 50030.6.2 (IEC 60947-6-2) cl.9.3.3.3	Switching devices (or equipment) for control and protection			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
42.	GOST R 50030.6.2 (IEC 60947-6-2) cl.9.3.3.4	Switching devices (or equipment) for control and protection			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
43.	GOST R 50030.6.2 (IEC 60947-6-2) cl.9.3.3.5	Switching devices (or equipment) for control and protection			Resistance to making and breaking capacity	withstood / did not withstand
44.	GOST R 51992 (IEC 61643-1) cl.7.9.5	Protection devices for electrical networks and electrical equipment			Compatibility of air gap sizes and creepage distances	complies/does not comply
45.	GOST R 51992 (IEC 61643-1) cl.7.9.7	Protection devices for electrical networks and electrical equipment			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
46.	GOST R 51992 (IEC 61643-1) cl.7.9.8	Protection devices for electrical networks and electrical equipment			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
47.	GOST 31195.2.3 (IEC 60998-2-3) cl.8	Contact clamps of connecting devices			Marking compatibility	complies/does not comply
48.	GOST 31195.2.3 (IEC 60998-2-3) cl.13	Contact clamps of connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
49.	GOST 31195.2.3 (IEC 60998-2-3) cl.15	Contact clamps of connecting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
50.	GOST R 50345 (IEC 60898-1) cl.9.7	Circuit breakers			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
51.	GOST R 50345 (IEC 60898-1) cl.9.8	Circuit breakers			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
52.	GOST R 50030.4.1 (IEC 60947-4-1) cl.9.3.3	AC and DC contactors, AC starters			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
53.	GOST R 50030.4.1 (IEC 60947-4-1) cl.9.3.3.4	AC and DC contactors, AC starters			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did

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						not withstand
54.	GOST R 50030.4.1 (IEC 60947-4-1) cl.9.3.3.5	AC and DC contactors, AC starters			Resistance to making and breaking capacity	withstood / did not withstand
55.	GOST R 30851.1 (IEC 60320-1) cl.8	Two-pole electrical connectors			Marking compatibility	complies/does not comply
56.	GOST R 30851.1 (IEC 60320-1) cl.9	Two-pole electrical connectors			Compatibility of sizes	complies/does not comply
57.	GOST R 30851.1 (IEC 60320-1) cl.15	Two-pole electrical connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
58.	GOST R 30851.1 (IEC 60320-1) cl.21	Two-pole electrical connectors			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
59.	GOST 30851.2.2 (IEC 60320-2-2) cl.8	Plugs and sockets			Marking compatibility	complies/does not comply
60.	GOST 30851.2.2 (IEC 60320-2-2) cl.9	Plugs and sockets			Compatibility of sizes	complies/does not comply
61.	GOST 30851.2.2 (IEC 60320-2-2) cl.15	Plugs and sockets			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
62.	GOST 30851.2.2 (IEC 60320-2-2) cl.21	Plugs and sockets			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
63.	GOST 30851.2.3 (IEC 60320-2-3) cl.8	Connectors			Marking compatibility	complies/does not comply
64.	GOST 30851.2.3 (IEC 60320-2-3) cl.9	Connectors			Compatibility of sizes	complies/does not comply
65.	GOST 30851.2.3 (IEC 60320-2-3) cl.15	Connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
66.	GOST 30851.2.3 (IEC 60320-2-3) cl.21	Connectors			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
67.	GOST 30988.2.5 (IEC 60884-2-5) cl.8	Adapters			Marking compatibility	complies/does not comply
68.	GOST 30988.2.5 (IEC 60884-2-5) cl.9	Adapters			Compatibility of sizes	complies/does not comply
69.	GOST 30988.2.5 (IEC 60884-2-5) cl.17	Adapters			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand

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70.	GOST 30988.2.5 (IEC 60884-2-5) cl.19	Adapters			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
71.	GOST 31223 (IEC 61242) cl.7	AC cable reel extensions with non-detachable flexible cables			Marking compatibility	complies/does not comply
72.	GOST 31223 (IEC 61242) cl. 17	AC cable reel extensions with non-detachable flexible cables			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
73.	GOST 31223 (IEC 61242) cl. 19	AC cable reel extensions with non-detachable flexible cables			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
74.	GOST R 50030.7.3 (IEC 60947-7-3) cl.8.4.3	Output terminal blocks			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
75.	GOST R 50030.7.3 (IEC 60947-7-3) cl.8.4.5	Output terminal blocks			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
76.	GOST IEC 60998-2-4 cl.8	Joint twisting devices			Marking compatibility	complies/does not comply
77.	GOST IEC 60998-2-4 cl.13	Joint twisting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
78.	GOST IEC 60998-2-4 cl.15	Joint twisting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
79.	GOST IEC 60998-2-4 cl.17	Joint twisting devices			Compatibility of air gap sizes and creepage distances	complies/does not comply
80.	GOST IEC 61812-1 cl.7.2	Relay			Marking compatibility	complies/does not comply
81.	GOST IEC 61812-1 cl.8	Relay			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
82.	GOST IEC 61812-1 cl.10	Relay			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
83.	GOST IEC 61812-1 cl.13	Relay			Compatibility of air gap sizes and creepage distances	complies/does not comply
84.	GOST R 51731 (IEC 61095) cl.9.3.3.3	Contactors			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
85.	GOST R 51731 (IEC 61095) cl.9.3.3.4	Contactors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand

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					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
86.	GOST R 51731 (IEC 61095) cl.9.3.3.5	Contactors			Resistance to making and breaking capacity	withstood / did not withstand
87.	GOST 30328 (IEC 255-5) cl.6	Relay			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
88.	GOST 30328 (IEC 255-5) cl.7	Relay			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
89.	GOST R 30328 (IEC 255-5) cl.8	Relay			Pulsating voltage (0–24 V)	withstood / did not withstand
90.	GOST R 51321.2 (IEC 60439-2) cl.8.2.1	Bus ducts			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
91.	GOST R 51321.2 (IEC 60439-2) cl.8.2.13	Bus ducts			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
					Resistance (0–100 kΩ)	withstood / did not withstand
92.	GOST IEC 60439-3 cl.8.2.1	Distribution boards			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
93.	GOST IEC 60439-3 cl.8.2.2	Distribution boards			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
94.	GOST IEC 60439-3 cl.8.2.4.1	Distribution boards			Resistance (0–100 kΩ)	withstood / did not withstand
95.	GOST IEC 60439-3 cl.8.2.5	Distribution boards			Compatibility of air gap sizes and creepage distances	withstood / did not withstand
96.	GOST IEC 60439-3 cl.8.2.6	Distribution boards			Performance stability of mechanical parts	withstood / did not withstand
97.	GOST IEC 60439-3 cl.8.2.9	Distribution boards			Visual inspection	complies/does not comply
98.	GOST 31195.1 cl.8	Connecting devices			Marking compatibility	complies/does not comply
99.	GOST 31195.1. cl.13	Connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
100.	GOST 31195.1 cl.15	Connecting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
101.	GOST 31195.2.1 (IEC 60998-2-1) cl.8	Connecting devices			Marking compatibility	complies/does

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						not comply
102.	GOST 31195.2.1 (IEC 60998-2-1) cl.15	Connecting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
103.	GOST 31195.2.2 (IEC 60998-2-2) cl.8	Connecting devices			Marking compatibility	complies/does not comply
104.	GOST 31195.2.2 (IEC 60998-2-2) cl.15	Connecting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
105.	GOST R 51322.1 (IEC 60884-1) cl.8	Plugs and sockets			Marking compatibility	complies/does not comply
106.	GOST R 51322.1 (IEC 60884-1) cl.9	Plugs and sockets			Compatibility of sizes	complies/does not comply
107.	GOST R 51322.1 (IEC 60884-1) cl.17	Plugs and sockets			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
108.	GOST R 51322.1 (IEC 60884-1) cl.19	Plugs and sockets			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
109.	GOST 30011.7.2 (IEC 60947-7-2) cl.9.4.3	Terminal blocks			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
110.	GOST 30011.7.2 (IEC 60947-7-2) cl.9.4.4	Terminal blocks			Compatibility of voltage drop value	withstood / did not withstand
111.	GOST 30011.7.2 (IEC 60947-7-2) cl.9.4.5	Terminal blocks			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
112.	GOST 30011.7.2 (IEC 60947-7-2) cl.9.4.6	Terminal blocks			Heating with rated current (0–4,000A)	withstood / did not withstand
					Appearance	complies/does not comply
113.	GOST R 51324.1 (IEC 60669-1) cl.16	General purpose switches			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
114.	GOST R 51324.1 (IEC 60669-1) cl.17	General purpose switches			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
115.	GOST R 51324.1 (IEC 60669-1) cl.23	General purpose switches			Compatibility of air gap sizes and creepage distances	withstood / did not withstand
116.	GOST 30011.7.1 (IEC 60947-7-1) cl.9.4.2	Terminal blocks with with screw or screwless terminals			Compatibility of air gap sizes and creepage distances	withstood / did not withstand
117.	GOST 30011.7.1 (IEC 60947-7-1) cl.9.4.3	Terminal blocks with with screw or screwless terminals			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand

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					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
118.	GOST 30011.7.1 (IEC 60947-7-1) cl.9.4.4	Terminal blocks with with screw or screwless terminals			Compatibility of voltage drop value	withstood / did not withstand
119.	GOST 30011.7.1 (IEC 60947-7-1) cl.9.4.5	Terminal blocks with with screw or screwless terminals			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
120.	GOST 30011.7.1 (IEC 60947-7-1) cl.9.4.6	Terminal blocks with with screw or screwless terminals			Heating with rated current (0–4,000A)	withstood / did not withstand
					Appearance	complies/does not comply
121.	GOST 31604 (IEC 61545) cl.11.2	Screw and screwless contact clamps of connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
122.	GOST 31604 (IEC 61545) cl.11.3	Screw and screwless contact clamps of connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
123.	GOST 31604 (IEC 61545) cl.11.4	Screw and screwless contact clamps of connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
124.	GOST 31604 (IEC 61545) cl.11.5	Screw and screwless contact clamps of connecting devices			Heating with rated current (0–4,000A) Temperature - 60 to +250 °C)	withstood / did not withstand
125.	GOST 31604 (IEC 61545) cl.11.7	Screw and screwless contact clamps of connecting devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
					Appearance	complies/does not comply
126.	GOST IEC 60730-1 cl.13	Automatic electrical control devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
127.	GOST IEC 60730-1 cl.14	Automatic electrical control devices			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
128.	GOST IEC 60730-1 cl.20	Automatic electrical control devices			Compatibility of air gap sizes and creepage distances	withstood / did not withstand
129.	GOST 11828 cl.3	DC and AC rotating electrical machines			Windings resistance (0–100 kΩ)	withstood / did not withstand
130.	GOST 11828 cl.4	DC and AC rotating electrical machines			Rotation frequency	withstood / did not withstand

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131.	GOST 11828 cl.5	DC and AC rotating electrical machines			Heating (0–4,000A, -60 to +250 °C)	withstood / did not withstand
					Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
					Resistance (0–100 kΩ)	withstood / did not withstand
					Appearance	complies/does not comply
132.	GOST 11828 cl.6	DC and AC rotating electrical machines			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
133.	GOST 11828 cl.7 testing of windings' insulation for electrical strength relative to the machine housing and between the windings	DC and AC rotating electrical machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
134.	GOST 11828 cl.8	DC and AC rotating electrical machines			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
135.	GOST 11828 cl.9	DC and AC rotating electrical machines			Heating test (0–4,000A, -60 to +250 °C)	withstood / did not withstand
136.	GOST 11828 cl.10	DC and AC rotating electrical machines			Heating test (0–4,000A, -60 to +250 °C)	withstood / did not withstand
137.	GOST 11828 cl.11	DC and AC rotating electrical machines			Rotating moments and inrush currents of AC motors and synchronous condensers	withstood / did not withstand
138.	GOST 11828 cl.12	DC and AC rotating electrical machines			Electrical voltage between the shaft ends and checking the condition of the supports' insulation	withstood / did not withstand
139.	GOST 11929 cl.6	Rotating electrical machines with a power greater than 10 W			Octave band sound pressure (24–137 dB)	withstood / did not withstand
					Sound level and pressure (24–137 dB, 10–20,000 Hz)	withstood / did not withstand
140.	GOST 11929 Appendix 5	Rotating electrical machines with a power greater than 10 W			Octave band sound pressure (24–137 dB)	withstood / did not withstand
					Sound level and pressure (24–137 dB, 10–20,000 Hz)	withstood / did not withstand
141.	GOST 3484.1 cl.2.2	General purpose power transformers			Transformation ratio	withstood / did not withstand
142.	GOST 3484.1 cl.3.1	General purpose power transformers			Transformer winding connection group	withstood / did not withstand
143.	GOST 3484.1 cl.4	General purpose power transformers			Windings resistance (0–100 kΩ)	withstood / did not withstand

1	2	3	4	5	6	7
					Heating (0–4,000A, -60 to +250°C)	withstood / did not withstand
144.	GOST 3484.1 cl.5	General purpose power transformers			Short-circuit losses and voltages	withstood / did not withstand
145.	GOST 3484.1 cl.6	General purpose power transformers			No load losses and current	withstood / did not withstand
146.	GOST 3484.1 cl.7	General purpose power transformers			Zero sequence resistance (0–100 kΩ)	withstood / did not withstand
147.	GOST 3484.2 cl.2	General purpose power transformers			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
148.	GOST 3484.3 cl.4.1	General purpose power transformers			Resistance of winding's insulation and dielectric absorption ratio	withstood / did not withstand
					Electrical resistance of insulation: 0–110 hΩ	withstood / did not withstand
149.	GOST 3484.3 cl.4.2	General purpose power transformers			Tangent delta and windings' capacity	withstood / did not withstand
150.	GOST 20248 cl.2	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
151.	GOST 20248 cl.4	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Correct execution of operating circuits of control, protection, automation, and alarm system	withstood / did not withstand
152.	GOST 20248 cl.5	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Testing the main switching equipment for switching on and off	withstood / did not withstand
153.	GOST 20248 cl.6	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Checking the operation of mechanical and electrical interlocks	withstood / did not withstand
154.	GOST 20248 cl.7	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Mechanical strength of the CTS structural elements during repeated operations	withstood / did not withstand
155.	GOST 20248 cl.12	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Stability during transportation	withstood / did not withstand
156.	GOST 20248. cl.13	Complete transformer substations (CTS) for three-phase AC with a frequency of 50 Hz for up to 10 kV			Control assembly of the CTS and interchangeability of single-type withdrawable apparatuses	withstood / did not withstand
157.	GOST 14694 cl.2	Switchgears for voltages from 3 to 10 kV			Contact pressure	withstood / did not withstand
158.	GOST 14694 cl.3	Switchgears for voltages from 3 to 10 kV			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
159.	GOST 14694 cl.4.1	Switchgears for voltages from 3 to			Installation of accessory equipment and fastening	withstood / did

1	2	3	4	5	6	7
		10 kV			method	not withstand
160.	GOST 14694 cl.4.2	Switchgears for voltages from 3 to 10 kV			Travel value and coincidence of main and auxiliary circuits' detachable contacts	withstood / did not withstand
161.	GOST 14694, cl.4.3	Switchgears for voltages from 3 to 10 kV			Performance of the cabinet and withdrawable element	withstood / did not withstand
162.	GOST 14694, cl. 4.4	Switchgears for voltages from 3 to 10 kV			Checking of the main circuit switching equipment for switching on and off	withstood / did not withstand
163.	GOST 14694, cl. 4.5	Switchgears for voltages from 3 to 10 kV			Characteristics of switching equipment and actuators	withstood / did not withstand
164.	GOST 14694 cl.4.6	Switchgears for voltages from 3 to 10 kV			Mechanical strength of the switchgear structural elements during repeated operations	withstood / did not withstand
165.	GOST 14694 cl.4.7	Switchgears for voltages from 3 to 10 kV			Testing of devices, equipment, and auxiliary circuits' diagrams	withstood / did not withstand
166.	GOST 14694 cl.4.8	Switchgears for voltages from 3 to 10 kV			Testing the interlocks	withstood / did not withstand
167.	GOST 14694 cl.4.9	Switchgears for voltages from 3 to 10 kV			Testing of locking devices	withstood / did not withstand
168.	GOST 14694 cl.4.10	Switchgears for voltages from 3 to 10 kV			Testing the grounding devices	withstood / did not withstand
169.	GOST 14694 cl.5	Switchgears for voltages from 3 to 10 kV			Electrical insulation strength (0–230 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
170.	GOST 14694 cl. 6.4	Switchgears for voltages from 3 to 10 kV			Mechanical strength of air lead-out elements	withstood / did not withstand
171.	GOST 14694 cl.6.5	Switchgears for voltages from 3 to 10 kV			Mechanical strength of the cabinet attachment to the foundation and cabinet rigidity	withstood / did not withstand
172.	GOST 14694 cl.8	Switchgears for voltages from 3 to 10 kV			Stability during transportation	withstood / did not withstand
173.	GOST 14694 cl.10	Switchgears for voltages from 3 to 10 kV			Control assembly and interchangeability of single-type withdrawable elements	withstood / did not withstand
174.	GOST 14694 cl.11	Switchgears for voltages from 3 to 10 kV			Corrosion protection and painting quality	withstood / did not withstand
					Appearance	complies/does not comply
175.	GOST 14694. cl.13	Switchgears for voltages from 3 to 10 kV			Stability of the switchgear cabinet in case of the interruption of the auxiliary transformer no-load current Operational performance	withstood / did not withstand
176.	GOST 8024 cl.2	Electrical apparatuses and AC electrical devices with frequency of 50/60 Hz for voltages of over			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand

1	2	3	4	5	6	7
		1000V				
177.	GOST 17441 cl.2.2	Dismountable and undismountable electrical contact connections			Compliance with design requirements	complies/does not comply
					Visual inspection	complies/does not comply
					Tight fit of the contact surfaces	withstood / did not withstand
					Geometry	withstood / did not withstand
178.	GOST 17441 cl.2.5	Dismountable and undismountable electrical contact connections			Resistance to axial load	withstood / did not withstand
179.	GOST 17441 cl.2.6	Dismountable and undismountable electrical contact connections			Electrical resistance (0–100 kΩ)	withstood / did not withstand
180.	GOST 17441 cl.2.7	Dismountable and undismountable electrical contact connections			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
181.	GOST 17441 cl.2.8	Dismountable and undismountable electrical contact connections			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
182.	GOST 17441 cl.2.9	Dismountable and undismountable electrical contact connections			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
183.	GOST 17441 cl.2.10	Dismountable and undismountable electrical contact connections			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
184.	GOST 2933 cl.2	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Appearance	complies/does not comply
					Overall, mounting and connecting dimensions (0 – 5000 mm)	complies/does not comply
					Weight (0 – 5000 kg)	complies/does not comply
					Resistance (0–100 kΩ)	withstood / did not withstand
					Interchangeability, test assembly, contacts break and gap, contact pressures	withstood / did not withstand
185.	GOST 2933 cl.3	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Pick-up values	withstood / did not withstand
186.	GOST 2933 cl.4.1	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Electrical insulation strength (0–230 kV, 50 Hz)	withstood / did not withstand
187.	GOST 2933 cl.4.2	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
188.	GOST 2933 cl.5	Apparatuses for AC voltage up to			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did

1	2	3	4	5	6	7
		1,000V and DC voltage up to 1,200V				not withstand
189.	GOST 2933 cl.6	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Resistance (0–100 kΩ)	withstood / did not withstand
190.	GOST 2933 cl.8	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Resistance to switching capacity	withstood / did not withstand
191.	GOST 2933 cl.10	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Resistance to mechanical and switching wear	withstood / did not withstand
192.	GOST 2933 cl.11	Apparatuses for AC voltage up to 1,000V and DC voltage up to 1,200V			Appearance	complies/does not comply
					Resistance (0–100 kΩ)	withstood / did not withstand
					Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
					Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
					Temperature -60 to +250 °C)	withstood / did not withstand
193.	GOST 14254 cl.12	All types of products			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
194.	GOST 14254. cl.13	All types of products			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
195.	GOST 14254 cl.14	All types of products			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
196.	GOST 14254 cl.15	All types of products			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
197.	GOST R 27.403 cl.9	Recoverable and non-recoverable products of all types			Determination of the probability of failure-free operation	withstood / did not withstand
198.	GOST 1516.2 cl.7.4.2	AC electrical equipment and installations with a frequency of 50 Hz and their parts of voltage classes 3 kV and above			Electrical insulation strength (0–230 kV, 50 Hz)	withstood / did not withstand
199.	GOST 1516.2 cl.8.4	AC electrical equipment and installations with a frequency of 50 Hz and their parts of voltage classes 3 kV and above			Electrical insulation strength (0–70 kV)	withstood / did not withstand

1	2	3	4	5	6	7
200.	GOST R ISO 3744 cl.8,9	Technological equipment, installations, machines, and assemblies			Octave band sound pressure (24–137 dB)	withstood / did not withstand
					Sound level and pressure (24–137 dB, 10–20,000 Hz)	withstood / did not withstand
201.	GOST R ISO 3746 cl.8,9	Technological equipment, installations, machines, and assemblies			Octave band sound pressure (24–137 dB)	withstood / did not withstand
					Sound level and pressure (24–137 dB, 10–20,000 Hz)	withstood / did not withstand
202.	GOST R 52726 cl.8.1	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Compliance with the requirements of technical documentation	complies/does not comply
					Visual inspection	complies/does not comply
					Condition of protective coatings and surfaces of external insulating parts	withstood / did not withstand
					Contact pressure	withstood / did not withstand
					Overall, mounting, connecting dimensions (0–5,000 mm)	complies/does not comply
					Weight (0–5,000 kg)	complies/does not comply
203.	GOST R 52726 cl.8.2	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Functionality of the product mechanisms in accordance with the requirements of technical documentation	withstood / did not withstand
					Operational performance	complies/does not comply
204.	GOST R 52726 cl.8.5.2	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Determining the performance characteristics of the mechanisms	withstood / did not withstand
205.	GOST R 52726 cl.8.5.3	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Functionality of disconnectors' mechanisms and ground-wires at rated voltages or actuators' pressures	withstood / did not withstand
					Operational performance	complies/does not comply
206.	GOST R 52726 cl.8.5.4	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Mechanical wear resistance	withstood / did not withstand
207.	GOST R 52726 cl.8.5.5	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and			Functionality of auxiliary contacts	withstood / did not withstand

1	2	3	4	5	6	7
		their actuators				
208.	GOST R 52726 cl.8.5.6	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Stability when the rated static mechanical load is applied to the terminals	withstood / did not withstand
209.	GOST R 52726 cl.8.5.7	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Increased mechanical wear resistance	withstood / did not withstand
210.	GOST R 52726 cl.8.6	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Functionality of interlocking devices	withstood / did not withstand
211.	GOST R 52726 cl.8.19	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Electrical resistance of the grounding circuit (0–100 kΩ)	withstood / did not withstand
212.	GOST R 52726 cl.8.20	AC disconnectors and ground-wires for voltages over 1 kV of industrial frequency of 50 Hz, and their actuators			Resistance of auxiliary contacts to short-term withstand current (0–4000 A, -60 to +250 °C, 100 kΩ)	withstood / did not withstand
213.	GOST R 51321.1 (IEC 60439-1) cl.25	Low-voltage switchgear and controlgear assemblies			Heating with rated current (0–4,000A, -60 to +250 °C, 100 kΩ)	withstood / did not withstand
214.	GOST R 51321.1 (IEC 60439-1) cl.8.2.2	Low-voltage switchgear and controlgear assemblies			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
215.	GOST R 51321.1 (IEC 60439-1) cl.8.2.4.1	Low-voltage switchgear and controlgear assemblies			Resistance (0–100 kΩ)	withstood / did not withstand
216.	GOST R 51321.1 (IEC 60439-1) cl.8.2.5	Low-voltage switchgear and controlgear assemblies			Compatibility of air gap sizes and creepage distances	withstood / did not withstand
217.	GOST R 51321.1 (IEC 60439-1) cl.8.2.6	Low-voltage switchgear and controlgear assemblies			Resistance to mechanical integrity	withstood / did not withstand
218.	GOST R 51321.1 (IEC 60439-1) cl.8.2.7	Low-voltage switchgear and controlgear assemblies			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
219.	GOST R 51321.1 (IEC 60439-1) cl.8.3.1	Low-voltage switchgear and controlgear assemblies			Visual inspection	complies/does not comply
					Operational performance	complies/does not comply
220.	GOST R 51321.1 (IEC 60439-1) cl.8.3.2	Low-voltage switchgear and controlgear assemblies			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
221.	GOST R 51321.1 (IEC 60439-1) cl.8.3.3	Low-voltage switchgear and			Resistance (0–100 kΩ)	withstood / did

1	2	3	4	5	6	7
		controlgear assemblies				not withstand
222.	GOST R 51321.1 (IEC 60439-1) cl.8.3.4	Low-voltage switchgear and controlgear assemblies			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
223.	GOST 26567 cl.3.1.1	Semiconductor power converters			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
224.	GOST 26567 cl.3.1.2	Semiconductor energy converters			Electrical insulation strength (0–230 kV, 50 Hz)	withstood / did not withstand
225.	GOST 26567 cl.3.1.3	Semiconductor energy converters			Resistance (0–100 kΩ)	withstood / did not withstand
226.	GOST 26567 cl.3.1.4	Semiconductor energy converters			Functioning of the converter	withstood / did not withstand
227.	GOST 26567 cl.3.1.5	Semiconductor energy converters			Current distribution over power semiconductors (diodes, thyristors) connected in parallel and the value of current distribution irregularity ratio	withstood / did not withstand
228.	GOST 26567 cl.3.1.6	Semiconductor energy converters			Current distribution over power semiconductors (diodes, thyristors) connected in series and the value of current distribution irregularity ratio	withstood / did not withstand
229.	GOST 26567 cl.3.1.7	Semiconductor energy converters			Heating (0–4,000A, -60 to +250°C, 100 kΩ)	withstood / did not withstand
230.	GOST 26567 cl.3.1.8	Semiconductor energy converters			Determination of the efficiency value	withstood / did not withstand
231.	GOST 26567 cl.3.1.9	Semiconductor energy converters			Short-term exposure to high voltage	withstood / did not withstand
232.	GOST 26567 cl.3.1.10	Semiconductor energy converters			Measurement of the converter output voltage	withstood / did not withstand
233.	GOST 26567 cl.3.1.11	Semiconductor energy converters			Exposure to overload during the normalized time interval	withstood / did not withstand
234.	GOST 26567 cl.3.2.1	Semiconductor energy converters			Determination of the steady-state deviation value of the output DC voltage (current)	withstood / did not withstand
235.	GOST 26567 cl.3.2.2	Semiconductor energy converters			Determination of the adjustable DC voltage (current) setpoint values	withstood / did not withstand
236.	GOST 26567 cl.3.2.3	Semiconductor energy converters			Determination of the transient deviation value of the output DC voltage and the voltage recovery time	withstood / did not withstand
237.	GOST 26567 cl.3.2.4	Semiconductor energy converters			Determination of the voltage (current) ripple ratio value	withstood / did not withstand
238.	GOST 26567 cl.3.2.5	Semiconductor energy converters			Determination of voltage ripple generated by the converter in the input circuit	withstood / did not withstand
239.	GOST 26567 cl.3.2.6	Semiconductor energy converters			Parallel operation of the converters for the common load	withstood / did not withstand
240.	GOST 26567 cl.3.3.1	Semiconductor energy converters			Determination of the steady-state deviation value of the output AC voltage	withstood / did not withstand

1	2	3	4	5	6	7
241.	GOST 26567 cl.3.3.2	Semiconductor energy converters			Determination of the adjustable AC voltage setpoint values	withstood / did not withstand
242.	GOST 26567 cl.3.3.3	Semiconductor energy converters			Determination of the transient deviation values of the output AC voltage and the voltage recovery time	withstood / did not withstand
243.	GOST 26567 cl.3.3.4	Semiconductor energy converters			Determination of the variation range of the output AC voltage	withstood / did not withstand
244.	GOST 26567 cl.3.3.5	Semiconductor energy converters			Measurement of output voltage frequency and determination of the steady-state voltage frequency deviation values	withstood / did not withstand
245.	GOST 26567 cl.3.3.6	Semiconductor energy converters			Determination of the output voltage frequency range	withstood / did not withstand
246.	GOST 26567 cl.3.3.7	Semiconductor energy converters			Determination of the ratio of output voltage to frequency	withstood / did not withstand
247.	GOST 26567 cl.3.3.8	Semiconductor energy converters			Determination of the value of the voltage amplitude modulation factor	withstood / did not withstand
248.	GOST 26567 cl.3.3.9	Semiconductor energy converters			Determination of harmonic components of the output voltage	withstood / did not withstand
249.	GOST 26567 cl.3.3.10	Semiconductor energy converters			Determination of the total harmonic distortion of the output voltage curve	withstood / did not withstand
250.	GOST 26567 cl.3.3.11	Semiconductor energy converters			Determination of voltage distortions in the input electric circuit caused by the converter	withstood / did not withstand
251.	GOST 26567 cl.3.3.12	Semiconductor energy converters			Determining the power factor value	withstood / did not withstand
252.	GOST 26567 cl.3.3.13	Semiconductor energy converters			Determination of the unbalance factor value for three-phase voltages	withstood / did not withstand
253.	GOST 24607 cl.5.2.1	Semiconductor frequency converters			External inspection, completeness and installation check	complies/does not comply
254.	GOST 24607 cl.5.2.2	Semiconductor frequency converters			Weight (0–5,000 kg)	complies/does not comply
255.	GOST 24607 cl.5.2.3	Semiconductor frequency converters			Repairability check Visual inspection	complies/does not comply
256.	GOST 24607 cl.5.2.4	Semiconductor frequency converters			Interchangeability of single-type converter and their components	complies/does not comply
					Overall, mounting, connecting dimensions (0–5,000 mm)	complies/does not comply
257.	GOST 24607 cl.5.2.5	Semiconductor frequency converters			Check of a single set of spare tools and accessories Visual inspection	complies/does not comply
258.	GOST 23216 cl.5.2.1	Electrical products and spare parts with electrical insulating materials			Appearance	complies/does not comply
					Overall, mounting, connecting dimensions (0–5,000 mm)	complies/does not comply

1	2	3	4	5	6	7
					Weight (0–5,000 kg)	complies/does not comply
259.	GOST 23216 cl.5.2.2	Electrical products and spare parts with electrical insulating materials			Tightness of polyethylene covers	withstood / did not withstand
260.	GOST 23216 cl.5.2.3	Electrical products and spare parts with electrical insulating materials			Resistance to low pressure (-70 to +130 °C, ≥ 18 mm Hg)	complies/does not comply
					Visual inspection	complies/does not comply
261.	GOST 23216 cl.5.2.4.1	Electrical products and spare parts with electrical insulating materials			Durability during transportation (0–750 m/s ² , 50–2,000 km)	complies/does not comply
					Visual inspection	complies/does not comply
262.	GOST 23216 cl.5.2.4.2	Electrical products and spare parts with electrical insulating materials			Height (0.25 m, 0.1 m)	complies/does not comply
					Visual inspection	complies/does not comply
263.	GOST 9219 cl.6.2	Traction electrical apparatuses			Determination of inductance	withstood / did not withstand
264.	GOST 9219 cl.6.6	Traction electrical apparatuses			Heating with rated current (0–4,000A, -60 - to +250°C)	withstood / did not withstand
265.	GOST 9219 cl.6.7	Traction electrical apparatuses			Electrical resistance of insulation (0–110 h Ω)	withstood / did not withstand
266.	GOST 9219 cl.6.8	Traction electrical apparatuses			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
267.	GOST 9219 cl.6.9	Traction electrical apparatuses			Resistance to switching capacity	withstood / did not withstand
268.	GOST 9219 cl.6.10	Traction electrical apparatuses			Mechanical impacts (10–2,000 Hz, 0–430 m/s ² , 40–10,000 m/s ²)	withstood / did not withstand
269.	GOST 9219 cl.6.11	Traction electrical apparatuses			Climatic effects (-70 to +130 °C, 0–98%, ≥ 18 mm Hg)	withstood / did not withstand
270.	GOST 9219 cl.6.14	Traction electrical apparatuses			Protection degree (IPX0 to IPX8, IP0X to IP6X)	withstood / did not withstand
271.	GOST R 51326.1 (IEC 61008-1) cl.9.3	Circuit breakers			Marking stability	complies/does not comply
272.	GOST R 51326.1 (IEC 61008-1) cl.9.4	Circuit breakers			Reliability of screws, conductive parts and connections	complies/does not comply
273.	GOST R 51326.1 (IEC 61008-1) cl.9.5	Circuit breakers			Reliability of terminals for external connections	complies/does not comply
274.	GOST R 51326.1 (IEC 61008-1) cl.9.7.2	Circuit breakers			Electrical resistance of insulation (0–110 h Ω)	withstood / did not withstand
275.	GOST R 51326.1 (IEC 61008-1) cl.9.7.3	Circuit breakers			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand

1	2	3	4	5	6	7
276.	GOST R 51326.1 (IEC 61008-1) cl.9.7.4	Circuit breakers			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
					Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
277.	GOST R 51326.1 (IEC 61008-1) cl.9.8	Circuit breakers			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
278.	GOST R 51326.1 (IEC 61008-1) cl.9.9	Circuit breakers			Check of the performance specifications	withstood / did not withstand
					Operational performance	withstood / did not withstand
279.	GOST R 51326.1 (IEC 61008-1) cl.9.10	Circuit breakers			Resistance to mechanical and switching wear	withstood / did not withstand
280.	GOST R 51326.1 (IEC 61008-1) cl.9.11	Circuit breakers			Stability in case of short-circuits (0–6,000 A; 6,000 A, 5 s; 24,000 A, 0.2 s; 37,800 A, 2.5 s; 60,000 A, 0.1 s)	withstood / did not withstand
281.	GOST 25034 cl.3.3	Screw contact clamps for rated currents up to 63A			Compliance with design requirements	complies/does not comply
					Visual inspection	complies/does not comply
					Tight fit of the contact surfaces	withstood / did not withstand
					Geometry	withstood / did not withstand
282.	GOST R 52736 cl.5.1	Three-phase industrial frequency electrical installations			Calculation of electrodynamic forces of conductor interaction	withstood / did not withstand
283.	GOST R 52736 cl.5.3	Three-phase industrial frequency electrical installations			Determination of allowable mechanical stresses in conductor material and mechanical loads on supports in case of short-circuits	withstood / did not withstand
284.	GOST R 52736 cl.5.4	Three-phase industrial frequency electrical installations			Determination of the mechanical stresses in conductor material and mechanical loads on supports in case of short-circuits	withstood / did not withstand
285.	GOST R 52736 cl.5.5	Three-phase industrial frequency electrical installations			Check of the bus structures, flexible conductors, and electrical apparatuses for electrodynamic resistance in case of short-circuits	withstood / did not withstand
286.	GOST R 52736 cl.6.1	Three-phase industrial frequency electrical installations			Determination of the Joule integral and thermally equivalent short-circuit current	withstood / did not withstand
287.	GOST R 52736 cl.6.2	Three-phase industrial frequency electrical installations			Thermal resistance in case of short-circuits	withstood / did not withstand
288.	GOST R 52736 cl.6.3	Three-phase industrial frequency electrical installations			Thermal resistance in case of short-circuits	withstood / did not withstand
289.	GOST R 52736 cl.6.4	Three-phase industrial frequency electrical installations			Non-combustibility in case of short circuits	withstood / did not withstand

1	2	3	4	5	6	7
290.	GOST 19132 cl.6.11	Contact terminal blocks			Short-time current resistance (0–4,000 A, -60 to +250 °C)	withstood / did not withstand
291.	GOST 19132 cl.6.12	Contact terminal blocks			Heating with rated current (0–4,000A, -60 to +250 °C, 100 kΩ)	withstood / did not withstand
292.	GOST 23784 cl.8.2.3	Low-frequency low-voltage and combined manual control connectors			Engaging and separating force	withstood / did not withstand
293.	GOST 23784 cl.8.2.8	Low-frequency low-voltage and combined manual control connectors			Heat-resistance of the connectors during soldering	withstood / did not withstand
294.	GOST 23784 cl.8.2.9	Low-frequency low-voltage and combined manual control connectors			Polarization and interchangeability	withstood / did not withstand
295.	GOST 23784 cl.8.2.11	Low-frequency low-voltage and combined manual control connectors			Wear resistance	withstood / did not withstand
296.	GOST 24606.1 cl.1	Switching, installation products, and electrical connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
297.	GOST 24606.1 cl.2	Switching, installation products, and electrical connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
298.	GOST 24606.2 cl.1	Switching, installation products, and electrical connectors			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
299.	GOST 24606.2 cl.2	Switching, installation products, and electrical connectors			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
300.	GOST 24606.3 cl.1	Switching, installation products, and electrical connectors			Resistance (0–100 kΩ)	withstood / did not withstand
301.	GOST 24606.3 cl.2	Switching, installation products, and electrical connectors			Resistance (0–100 kΩ)	withstood / did not withstand
302.	GOST 24606.3 cl.3	Switching, installation products, and electrical connectors			Static instability of transient contact resistance	withstood / did not withstand
303.	GOST 24606.3 cl.4	Switching, installation products, and electrical connectors			Dynamic instability of transient contact resistance	withstood / did not withstand
304.	GOST 24606.4 cl.1	Switching, installation products, and electrical connectors			Overheat temperature (0–4,000A, -60 to +250 °C)	withstood / did not withstand
305.	GOST 24606.4 cl.2	Switching, installation products, and electrical connectors			Current load dependence on temperature (0–4,000 A, -60 to +250 °C)	withstood / did not withstand
306.	GOST 24606.5 cl.3	Switching, installation products, and electrical connectors			Capacitance	complies/does not comply
307.	GOST 24606.6 cl.3	Switching, installation products, and electrical connectors			Functionality in circuits with low signal level	withstood / did not withstand
308.	GOST 24606.7 cl.3	Switching, installation products, and electrical connectors			Visual inspection	complies/does not comply

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309.	GOST 26895 cl.4	Mateable electromechanical radio components			Fastening of the contacts	withstood / did not withstand
310.	GOST 26896 cl.4	Mateable electromechanical radio components			The strength of fixing the insulator in the housing in the axial direction	withstood / did not withstand
311.	GOST 30668 cl.5.1.4	Electronic products			Marking quality	complies/does not comply
312.	GOST 30668 cl.5.2	Electronic products			Legibility and content of the markings	complies/does not comply
313.	GOST 30668 cl.5.3	Electronic products			Marking durability	complies/does not comply
314.	GOST 30668 cl.5.4	Electronic products			Marking resistance to cleaning solvents	withstood / did not withstand
315.	GOST 30668 cl.5.5	Electronic products			Capacity of marking to maintain legibility and durability during operation, transportation, and storage	withstood / did not withstand
316.	GOST 30668 cl.6	Electronic products			Quality of packaging labeling	complies/does not comply
					Visual inspection	complies/does not comply
317.	GOST 18620 cl.7.1	Electrical products			Appearance of the markings, legibility of the signs	complies/does not comply
					Visual inspection	complies/does not comply
318.	GOST 18620 cl.7.4	Electrical products			Marking resistance to fuels and oils	complies/does not comply
					Visual inspection	complies/does not comply
319.	GOST 23088 cl.2.8	Electronic products			Overall dimensions (0–5,000 mm)	complies/does not comply
320.	GOST 23088 cl.2.12	Electronic products			Reduced atmospheric pressure (≥ 18 mm Hg)	complies/does not comply
					Visual inspection	complies/does not comply
321.	GOST 23088 cl.2.13	Electronic products			Packaging durability	complies/does not comply
					Visual inspection	complies/does not comply
322.	GOST 23088 cl.2.14	Electronic products			Impact resistance (150 m/s ² , 750 m/s ²)	complies/does not comply
					Visual inspection	complies/does not comply
323.	GOST 23088 cl.2.16	Electronic products			Transportation (250 km)	complies/does not comply

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					Visual inspection	complies/does not comply
324.	GOST 23088 cl.2.17	Electronic products			Free-fall resistance	complies/does not comply
					Visual inspection	complies/does not comply
325.	GOST 27277 cl.4	Products with elastic contacts			Retention force of the elastic contacts	withstood / did not withstand
326.	GOST 27278 cl.4	Connectors			Cable clamp resistance to bending	withstood / did not withstand
327.	GOST 27279 cl.4	Connectors			Cable clamp resistance to the cable rotation	withstood / did not withstand
328.	GOST 27280 cl.4	Connectors			Cable clamp resistance to the cable twisting	withstood / did not withstand
329.	GOST 27281 cl.4	Electrical connectors			Cable clamp resistance to the cable strain	withstood / did not withstand
330.	GOST 25359 cl.3	Electronic products			Reliability and durability	withstood / did not withstand
331.	GOST 21493 cl.2.2	Electronic products for industrial and technical purposes and consumer use			Long term storage	withstood / did not withstand
332.	GOST 21493 cl.2.3	Electronic products for industrial and technical purposes and consumer use			Accelerated assessment of the product storage property	withstood / did not withstand
333.	GOST 27381 cl.4.2.10	Contact micro-switches and micro circuit breakers			Accuracy of switching (switching-on)	withstood / did not withstand
334.	GOST 27381 cl.4.2.11	Contact micro-switches and micro circuit breakers			Durability of the actuator	withstood / did not withstand
335.	GOST 27381 cl.4.2.12	Contact micro-switches and micro circuit breakers			Response time	complies/does not comply
336.	GOST 27381 cl.4.2.13	Contact micro-switches and micro circuit breakers			Non-simultaneous actuation of movable contacts	withstood / did not withstand
337.	GOST 27381 cl.4.2.14	Contact micro-switches and micro circuit breakers			Actuating forces	withstood / did not withstand
338.	GOST 27381 cl.4.2.15	Contact micro-switches and micro circuit breakers			Travel of the actuator	withstood / did not withstand
339.	GOST 27381 cl.4.2.16	Contact micro-switches and micro circuit breakers			Wear resistance	withstood / did not withstand
340.	GOST 27381 cl.4.3.4	Contact micro-switches and micro circuit breakers			Overload capacitance of the contacts	withstood / did not withstand
341.	GOST R 52931 cl.8.2	Instruments for control and regulation of technological			Appearance, marking, completeness	complies/does not comply

1	2	3	4	5	6	7
		processes				
342.	GOST R 52931 cl.8.3	Instruments for control and regulation of technological processes			Temperature (from -70 to +130 °C)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
343.	GOST R 52931 cl.8.4	Instruments for control and regulation of technological processes			Climatic effects (up to +130 °C, 0–98%)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
344.	GOST R 52931 cl.8.5	Instruments for control and regulation of technological processes			Reduced atmospheric pressure (≥ 18 mm Hg)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
345.	GOST R 52931 cl.8.6	Instruments for control and regulation of technological processes			Mechanical impacts (10-2,000 Hz, 0–430 m/s ² , 40-10,000 m/s ²)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
346.	GOST R 52931 cl.8.7	Instruments for control and regulation of technological processes			Effects of deviation from the operating position	withstood / did not withstand
347.	GOST R 52931 cl.8.10	Instruments for control and regulation of technological processes			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 h Ω)	withstood / did not withstand
348.	GOST R 52931 cl.8.13	Instruments for control and regulation of technological processes			Temperature (from -70 to +130 °C)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
349.	GOST R 52931 cl.8.14	Instruments for control and regulation of technological processes			Climatic effects (up to +130 °C, 0–98%)	complies/does not comply
					Visual inspection	complies/does not comply

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					Operational performance	withstood / did not withstand
350.	GOST R 52931 cl.8.15	Instruments for control and regulation of technological processes			Mechanical impacts (10-2,000 Hz, 0-430 m/s ² , 40-10,000 m/s ²)	complies/does not comply
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
351.	GOST R 52931 cl.8.16	Instruments for control and regulation of technological processes			Temperature (from -70 to +130 °C)	complies/does not comply
					Reduced atmospheric pressure (≥ 18 mm Hg)	withstood / did not withstand
					Visual inspection	complies/does not comply
					Operational performance	withstood / did not withstand
352.	GOST R 52931 cl.8.26	Instruments for control and regulation of technological processes			Power consumption	complies/does not comply
353.	GOST 30849.1 (IEC 60309-1) cl.7	Plugs, plug-in sockets, cable connectors, and connecting devices			Labeling	complies/does not comply
354.	GOST R 30849.1 (IEC 60309-1) cl.8	Plugs, plug-in sockets, cable connectors, and connecting devices			Dimensions (0–5,000 mm)	complies/does not comply
355.	GOST 30849.1 (IEC 60309-1) cl.12	Plugs, plug-in sockets, cable connectors, and connecting devices			Interlock	complies/does not comply
356.	GOST 30849.1 (IEC 60309-1) cl.13	Plugs, plug-in sockets, cable connectors, and connecting devices			Temperature (from -70 to +130 °C)	complies/does not comply
357.	GOST 30849.1 (IEC 60309-1) cl.14	Plugs, plug-in sockets, cable connectors, and connecting devices			Check of general design requirements	complies/does not comply
358.	GOST 30849.1 (IEC 60309-1) cl.15	Plugs, plug-in sockets, cable connectors, and connecting devices			Check of the plug-in sockets designs	complies/does not comply
359.	GOST 30849.1 (IEC 60309-1) cl.16	Plugs, plug-in sockets, cable connectors, and connecting devices			Check of plugs and portable sockets designs	complies/does not comply
360.	GOST 30849.1 (IEC 60309-1) cl.17	Plugs, plug-in sockets, cable connectors, and connecting devices			Check of the input devices designs	complies/does not comply
361.	GOST 30849.1 (IEC 60309-1) cl.19	Plugs, plug-in sockets, cable connectors, and connecting devices			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 h Ω)	withstood / did not withstand
362.	GOST 30849.1 (IEC 60309-1) cl.20	Plugs, plug-in sockets, cable connectors, and connecting devices			Breaking capacity	withstood / did not withstand

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363.	GOST 30849.1 (IEC 60309-1) cl.22	Plugs, plug-in sockets, cable connectors, and connecting devices			Overtemperature (0-4,000 A, -60 to +250 °C)	withstood / did not withstand
364.	GOST 30849.1 (IEC 60309-1) cl.26	Plugs, plug-in sockets, cable connectors, and connecting devices			Leakage paths, air gaps, and distances by insulation	complies/does not comply
365.	GOST 30849.2 (IEC 60309-2) cl.7	Plug connectors, cable connectors, and industrial connectors			Labeling	complies/does not comply
366.	GOST 30849.2 (IEC 60309-2) cl.8	Plug connectors, cable connectors, and industrial connectors			Dimensions (0 - 5000 mm)	complies/does not comply
367.	GOST 30849.2 (IEC 60309-2) cl.12	Plug connectors, cable connectors, and industrial connectors			Interlock	complies/does not comply
368.	GOST 30849.2 (IEC 60309-2) cl.14	Plug connectors, cable connectors, and industrial connectors			Check of general design requirements	complies/does not comply
369.	GOST 30849.2 (IEC 60309-2) cl.15	Plug connectors, cable connectors, and industrial connectors			Check of the plug-in sockets designs	complies/does not comply
370.	GOST 30849.2 (IEC 60309-2) cl.16	Plug connectors, cable connectors, and industrial connectors			Check of plugs and portable sockets designs	complies/does not comply
371.	GOST 30849.2 (IEC 60309-2) cl.17	Plug connectors, cable connectors, and industrial connectors			Check of the input devices designs	complies/does not comply
372.	GOST 30849.2 (IEC 60309-2) cl.19	Plug connectors, cable connectors, and industrial connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
373.	GOST 16308 cl.6.3.1	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Power consumed by each pole of the relay or each replaceable heater	withstood / did not withstand
374.	GOST 16308 cl.6.3.2	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Relay actuation and reset time	withstood / did not withstand
375.	GOST 16308 cl.6.3.3	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Relay self-resetting	withstood / did not withstand
376.	GOST 16308 cl.6.3.4	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Pickup and reset the relay at extreme positions of the set point adjuster	withstood / did not withstand
377.	GOST 16308 cl.6.3.5	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Operation of the two-pole relay at single-pole switching and the three-pole relay without accelerated actuation at two-pole switching	withstood / did not withstand
378.	GOST 16308 cl.6.3.6	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Operation of a three-pole relay with accelerated actuation	withstood / did not withstand
379.	GOST 16308 cl.6.3.7	Low-voltage electrothermal current thermo-bimetallic relays for DC			Operation of a three-pole relay with accelerated actuation at unbalanced currents in the poles	withstood / did not withstand

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		and AC voltages				
380.	GOST 16308 cl.6.3.8	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Relay actuation time at the six-time rated non-operating current	withstood / did not withstand
381.	GOST 16308 cl.6.3.9	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Ambient temperature on the relay inrush currents	withstood / did not withstand
382.	GOST 16308 cl.6.3.10	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Relay actuation at the peak current	withstood / did not withstand
383.	GOST 16308 cl.6.3.11	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Wear resistance	withstood / did not withstand
384.	GOST 16308 cl.6.3.12	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Contacts' switching capacity	withstood / did not withstand
385.	GOST 16308 cl.6.3.13	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Thermal resistance	withstood / did not withstand
386.	GOST 16308 cl.6.3.14	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Replaceability of the heaters	withstood / did not withstand
387.	GOST 16308 cl.6.6	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Reliability	complies/does not comply
388.	GOST 16308 cl.6.7	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Labeling	complies/does not comply
389.	GOST 16308 cl.6.9	Low-voltage electrothermal current thermo-bimetallic relays for DC and AC voltages			Scope of Supply	complies/does not comply
390.	GOST 22557 cl. 5.2	Timing Relay			Determination of relay time parameters	complies/does not comply
391.	GOST 22557 cl. 5.3	Timing Relay			Appearance	complies/does not comply
					Overall, mounting, connecting dimensions (0–5,000 mm)	complies/does not comply
					Weight (0–5,000 kg)	complies/does not comply
					Resistance (0–100 kΩ)	withstood / did not withstand
					Contact pressure	withstood / did

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						not withstand
					Engaging and separating force of the connectors	withstood / did not withstand
392.	GOST 22557 cl. 5.6	Timing Relay			Reliability and safety	complies/does not comply
393.	GOST 22557 cl. 5.9	Timing Relay			Scope of Supply	complies/does not comply
394.	GOST 11206 cl. 6.3	Electromagnetic Contactors			Pickup and reset	withstood / did not withstand
395.	GOST 11206 cl. 6.18	Electromagnetic Contactors			Reverse operation	withstood / did not withstand
396.	GOST 11206 cl. 6.19	Electromagnetic Contactors			Mechanical interlock	withstood / did not withstand
397.	GOST 1120 cl. 6.20	Electromagnetic Contactors			Mechanical wear resistance	withstood / did not withstand
398.	GOST 2491 cl. 6.4	Electromagnetic Low Voltage Starters			Pickup and reset	withstood / did not withstand
399.	GOST 2491 cl. 6.6	Electromagnetic Low Voltage Starters			Reverse operation	withstood / did not withstand
400.	GOST 2491 cl. 6.7	Electromagnetic Low Voltage Starters			Mechanical interlock normal operation	withstood / did not withstand
401.	GOST 2491 cl. 6.10	Electromagnetic Low Voltage Starters			Switching wear resistance	withstood / did not withstand
402.	GOST 2491 cl. 6.11	Electromagnetic Low Voltage Starters			Mechanical wear resistance	withstood / did not withstand
403.	GOST 2491 cl. 6.12	Electromagnetic Low Voltage Starters			Resistance of mechanical interlock to mechanical wear	withstood / did not withstand
404.	GOST 2491 cl. 6.16	Electromagnetic Low Voltage Starters			Normal operation of starters control buttons	complies/does not comply
405.	GOST 2491 cl. 6.20	Electromagnetic Low Voltage Starters			Resistance (0–100 kΩ)	withstood / did not withstand
406.	GOST 32395 cl. 10.1	Distribution Boards			Overall, mounting and connecting dimensions (0 - 5000 mm)	complies/does not comply
					Weight (0–5,000 kg)	complies/does not comply
407.	GOST 32395 cl. 10.2	Distribution Boards			Visual inspection	complies/does not comply
408.	GOST 32395 cl. 10.8	Distribution Boards			Normal operation of the doors and its locking devices	complies/does not comply
409.	GOST 32395 cl. 10.9	Distribution Boards			Apparatus labeling	complies/does not comply

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410.	GOST 32395 cl. 10.10	Distribution Boards			Check for availability of apparatus marking tools in enclosures	complies/does not comply
411.	GOST 32395 cl. 10.11	Distribution Boards			Visual inspection	complies/does not comply
412.	GOST 32395 cl. 10.12	Distribution Boards			Terminal marking for neutral and protective conductors	complies/does not comply
413.	GOST 32395 cl. 10.13	Distribution Boards			Marking of protective conductor terminals with grounding sign	complies/does not comply
414.	GOST 32395 cl. 10.15	Distributing Boards			Resistance (0–100 kΩ)	withstood / did not withstand
415.	GOST 32395 cl. 10.16	Distribution Boards			Normal operation of apparatus controls	complies/does not comply
416.	GOST 32395 cl. 10.17	Distribution Boards			The presence on the operational panel of the shield duplicating the positions of the apparatus control elements, “voltage” warning sign, as well as the sign [II] on the class II shields	complies/does not comply
417.	GOST 32395 cl. 10.20	Distribution Boards			Checking of component equipment	complies/does not comply
418.	GOST 32395 cl. 10.21	Distribution Boards			Fastening of apparatuses, devices, contact clamps	complies/does not comply
419.	GOST 32395 cl. 10.22	Distribution Boards			Compliance of conductors by material, cross-section, and insulation voltage	complies/does not comply
420.	GOST 32395 cl. 10.23	Distribution Boards			Correct wiring	complies/does not comply
421.	GOST 32395 cl. 10.24	Distribution Boards			Marking of internal circuit conductors	complies/does not comply
422.	GOST 32395 cl. 10.25	Distribution Boards			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
423.	GOST 32395 cl. 10.28	Distribution Boards			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
424.	GOST 32395 cl. 10.29	Distribution Boards			Labeling	complies/does not comply
425.	GOST 32395 cl. 10.35	Distribution Boards			Scope of Supply	complies/does not comply
426.	GOST 32395 cl. 10.36	Distribution Boards			Preservation and packaging	complies/does not comply
427.	GOST 32396 cl. 9.1	Input Distribution Devices			Overall, mounting and connecting dimensions (0 - 5000 mm)	complies/does not comply
					Weight (0–5,000 kg)	complies/does not comply

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428.	GOST 32396 cl. 9.2	Input Distribution Devices			Visual inspection	complies/does not comply
429.	GOST 32396 cl. 9.8	Input Distribution Devices			Normal operation of the doors and its locking devices	complies/does not comply
430.	GOST 32396 cl. 9.10	Input Distribution Devices			Structure rigidity	complies/does not comply
431.	GOST 32396 cl. 9.13	Input Distribution Devices			Presence of jumper between protective and neutral operation busbars	complies/does not comply
432.	GOST 32396 cl. 9.14	Input Distribution Devices			Checking the color marking of neutral protective and neutral operation conductors, as well as the presence of PE and N markings, respectively on the neutral protective and neutral operation busbars	complies/does not comply
433.	GOST 32396 cl. 9.15	Input Distribution Devices			Cross-sections of metering circuits conductors	complies/does not comply
434.	GOST 32396 cl. 9.17	Input Distribution Devices			Presence of numerical tagging of wires and designations of busbars	complies/does not comply
435.	GOS 32396 cl. 9.18	Input Distribution Devices			Marking of clamps for conductors of distribution and branch circuits	complies/does not comply
436.	GOST 32396 cl. 9.19	Input Distribution Devices			Marking of clamps of protective conductors of supply networks with the grounding sign	complies/does not comply
437.	GOST 32396 cl. 9.20	Input Distribution Devices			Determination of the characteristics of the applied component equipment	complies/does not comply
438.	GOST 32396 cl. 9.21	Input Distribution Devices			Marking of apparatuses, their parameters and location	complies/does not comply
439.	GOST 32396 cl.9.23	Input Distribution Devices			Resistance (0–100 kΩ)	withstood / did not withstand
440.	GOST 32396 cl. 9.24	Input Distribution Devices			Functioning of apparatus control elements and the correct direction of their movement	complies/does not comply
441.	GOST 32396 cl. 9.25	Input Distribution Devices			Presence of protection class II marking	complies/does not comply
442.	GOST 32396 cl. 9.26	Input Distribution Devices			Connection of secondary windings of current transformers with neutral protective PE busbar	complies/does not comply
443.	GOST 32396 cl. 9.27	Input Distribution Devices			Presence of a voltage warning sign	complies/does not comply
444.	GOST 32396 cl. 9.28	Input Distribution Devices			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
445.	GOST 32396 cl. 9.30	Input Distribution Devices			Air gaps and leakage path lengths	complies/does not comply
446.	GOST 32396 cl. 9.32	Input Distribution Devices			Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand

1	2	3	4	5	6	7
447.	GOST 32396 cl. 9.36	Input Distribution Devices			Labeling	complies/does not comply
448.	GOST 32396 cl. 9.37	Input Distribution Devices			Conformity of the operational document content	complies/does not comply
449.	GOST 32396 cl. 9.38	Input Distribution Devices			Scope of Supply	complies/does not comply
450.	GOST 32396 cl. 9.39	Input Distribution Devices			Preservation and packaging	complies/does not comply
451.	GOST 32397 cl. 10.1	Distribution Boards			Overall, mounting and connecting dimensions (0 - 5000 mm)	complies/does not comply
					Weight (0–5,000 kg)	complies/does not comply
452.	GOST 32397 cl. 10.2	Distribution Boards			Visual inspection	complies/does not comply
453.	GOST 32397 cl. 10.8	Distribution Boards			Normal operation of the doors and its locking devices	complies/does not comply
454.	GOST 32397 cl. 10.9	Distribution Boards			Apparatus labeling	complies/does not comply
455.	GOST 32397 cl. 10.10	Distribution Boards			Availability of instructions for filling the shells with apparatus and means for marking the apparatus	complies/does not comply
456.	GOST 32397 cl. 10.12	Distribution Boards			Resistance (0–100 kΩ)	withstood / did not withstand
457.	GOST 32397 cl. 10.13	Distribution Boards			The presence of the jumper (and its section) between the housing of the shield and its door	complies/does not comply
458.	GOST 32397 cl. 10.14	Distribution Boards			Correct mounting of the grounding clamp, class II shields marking, the presence of a voltage warning sign	complies/does not comply
459.	GOST 32397 cl. 10.15	Distribution Boards			Functioning of apparatus control elements and the correct direction of their movement when switching them on and off, as well as the availability of marking the position of the apparatus control elements	complies/does not comply
460.	GOST 32397 cl. 10.18	Distribution Boards			Checking of component equipment	complies/does not comply
461.	GOST 32397 cl. 10.19	Distribution Boards			Fastening of apparatuses, devices, contact clamps	complies/does not comply
462.	GOST 32397 cl. 10.20	Distribution Boards			Compliance of conductors by material, cross-section, insulation voltage, climatic design	complies/does not comply
463.	GOST 32397 cl. 10.21	Distribution Boards			Correct wiring	complies/does not comply
464.	GOST 32397 cl. 10.22	Distribution Boards			Marking of internal circuit conductors	complies/does not comply

1	2	3	4	5	6	7
465.	GOST 32397 cl. 10.23	Distribution Boards			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
					Electrical resistance of insulation (0-110 hΩ)	withstood / did not withstand
466.	GOST 32397 cl. 10.26	Distribution Boards			Electrical resistance of insulation (0-110 hΩ)	withstood / did not withstand
467.	GOST 32397 cl. 10.28	Distribution Boards			Labeling	complies/does not comply
468.	GOST 32397 cl. 10.32	Distribution Boards			Conformity of the operational document content	complies/does not comply
469.	GOST 32397 cl. 10.33	Distribution Boards			Scope of Supply	complies/does not comply
470.	GOST 32397 cl. 10.34	Distribution Boards			Preservation and packaging	complies/does not comply
471.	GOST 15140 cl. 2	Paints and varnishes			Determination of adhesion	complies/does not comply
					Appearance of the coating	complies/does not comply
					Scores 1-4	withstood / did not withstand
472.	GOST R 51322.1 (IEC 60884-1) cl.8	Plugs and sockets			Labeling	complies/does not comply
473.	GOST R 51322.1 (IEC 60884-1) cl.9	Plugs and sockets			Dimensions (0 - 5000 mm)	complies/does not comply
474.	GOST R 51322.1 (IEC 60884-1) cl. 13	Plugs and sockets			Compliance of the design of fixed sockets	complies/does not comply
475.	GOST R 51322.1 (IEC 60884-1) cl. 14	Plugs and sockets			Compliance of plugs and portable sockets design	complies/does not comply
476.	GOST R 51322.1 (IEC 60884-1) cl.17	Plugs and sockets			Electrical insulation strength (0-100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0-110 hΩ)	withstood / did not withstand
477.	GOST R 51322.1 (IEC 60884-1) cl.19	Plugs and sockets			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
478.	GOST R 51322.1 (IEC 60884-1) cl. 20	Plugs and sockets			Breaking capacity	withstood / did not withstand
479.	GOST R 51322.1 (IEC 60884-1) cl. 22	Plugs and sockets			Force when disconnecting the pins of the plug from the socket outlet	complies/does not comply
480.	GOST R 51322.1 (IEC 60884-1) cl. 25	Plugs and sockets			Heat resistance (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
481.	GOST R 51322.1 (IEC 60884-1) cl. 25	Plugs and sockets			Determination of current leakage paths, air gaps and distances through the filling compound	complies/does not comply

1	2	3	4	5	6	7
482.	GOST R 30851.1 (IEC 60320-1) cl.8	Two-pole electrical connectors			Labeling	complies/does not comply
483.	GOST R 30851.1 (IEC 60320-1) cl.9	Two-pole electrical connectors			Dimensions (0 - 5000 mm)	complies/does not comply
484.	GOST 30851.1 (IEC 60320-1) cl. 13	Two-pole electrical connectors			Compliance with the design	complies/does not comply
485.	GOST R 30851.1 (IEC 60320-1) cl.15	Two-pole electrical connectors			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
486.	GOST 30851.1 (IEC 60320-1) cl. 16	Two-pole electrical connectors			Engaging and separating force	complies/does not comply
487.	GOST 30851.1 (IEC 60320-1) cl. 20	Two-pole electrical connectors			Operational performance	complies/does not comply
488.	GOST R 30851.1 (IEC 60320-1) cl.21	Two-pole electrical connectors			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
489.	GOST 30851.1 (IEC 60320-1) cl. 26	Two-pole electrical connectors			Determination of leakage paths, air gaps and distances by insulation	complies/does not comply
490.	GOST 31223 (IEC 61242) cl.7	AC cable reel extensions with non-detachable flexible cables			Labeling	complies/does not comply
491.	GOST 31223 (IEC 61242) cl. 12	AC cable reel extensions with non-detachable flexible cables			Compliance with the design	complies/does not comply
492.	GOST 31223 (IEC 61242) cl. 13	AC cable reel extensions with non-detachable flexible cables			Compliance of component parts	withstood / did not withstand
493.	GOST 31223 (IEC 61242) cl. 17	AC cable reel extensions with non-detachable flexible cables			Electrical insulation strength (0–100 kV, 50 Hz)	withstood / did not withstand
					Electrical resistance of insulation (0–110 hΩ)	withstood / did not withstand
494.	GOST 31223 (IEC 61242) cl. 19	AC cable reel extensions with non-detachable flexible cables			Overtemperature (0-4000 A, -60 - +250 °C, 100 kOhm)	withstood / did not withstand
495.	GOST 31223 (IEC 61242) cl. 24	AC cable reel extensions with non-detachable flexible cables			Determination of current leakage paths, air gaps and distances through the filling compound	withstood / did not withstand
496.	GOST 28739 (IEC 660) cl. 16	Support insulators made of organic material			Electrical insulation strength (0–230 kV, 50 Hz)	withstood / did not withstand
497.	GOST 28739 (IEC 660) cl. 19	Support insulators made of organic material			Mechanical strength	withstood / did not withstand
498.	GOST 28739 (IEC 660) cl. 20	Support insulators made of organic material			Load deflection at normal ambient temperature	withstood / did not withstand
499.	GOST 28739 (IEC 660) cl. 21	Support insulators made of organic material			Mechanical bending strength depending on the temperature	withstood / did not withstand
500.	GOST 28739 (IEC 660) cl. 22	Support insulators made of organic material			Water absorption	withstood / did not withstand

1	2	3	4	5	6	7
501.	GOST 28739 (IEC 660) cl. 24	Support insulators made of organic material			Flammability	withstood / did not withstand
502.	GOST 28739 (IEC 660) cl. 25	Support insulators made of organic material			Temperature (from -70 to +130 °C)	withstood / did not withstand
503.	GOST 28739 (IEC 660) cl. 27	Support insulators made of organic material			Dimensions (0 - 5000 mm)	complies/does not comply
504.	GOST 28739 (IEC 660) cl. 30				Visual inspection	complies/does not comply
505.	GOST 30336 (IEC 1000-4-9) cl. 8	Technical means used in industrial enterprises, power plants and medium and high voltage electrical substations			Resistance to an impulse magnetic field (0-1000 A/m)	withstood / did not withstand
506.	GOST R 50649 (IEC 1000-4-9) cl. 8	Technical means used in industrial enterprises, power plants and medium and high voltage electrical substations			Resistance to an impulse magnetic field (0-1000 A/m)	withstood / did not withstand
507.	GOST R 50648 (IEC 1000-4-8) cl. 8	Technical means used in households, commercial establishments, industrial enterprises, power plants and medium and high voltage electrical substations.			Resistance to power frequency magnetic field (0-1000 A/m)	withstood / did not withstand
508.	GOST 30804.4.2 cl. 8	Electrical, electronic and radioelectronic products and equipment			Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
509.	GOST 30804.4.4 cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to nanosecond impulse noise: (0.25 - 4.0 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
510.	GOST 30804.4.5 cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to high energy microsecond impulse interference (0.5 - 4.0 kV)	withstood / did not withstand
511.	GOST R 51317.4.5 cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to high energy microsecond impulse interference (0.5 - 4.0 kV)	withstood / did not withstand
512.	GOST 30804.4.11 cl. 8	Electrical, electronic and radioelectronic products and equipment			Immunity to dynamic changes of power supply voltage (-30%,-60%,-100%,+20% of U_{rated})	withstood / did not withstand
513.	GOST 30804.4.12 (IEC 61000-4-12) cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to oscillatory-damped interference (500 V, 1000 V, 2000 V, 2500 V, 1 MHz, 0.1 MHz)	withstood / did not withstand
514.	GOST R 51317.4.12 (IEC 61000-4-12) cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to oscillatory-damped interference (500 V, 1000 V, 2000 V, 2500 V, 1 MHz, 0.1 MHz)	withstood / did not withstand

1	2	3	4	5	6	7
515.	GOST R 51516 (IEC 60255-22-4) cl. 4.5	Static measuring relays and protection devices with and without output contacts			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
516.	GOST R 51525 (IEC 60255-22-2) cl. 4.5	Static measuring relays and protection devices with and without output contacts			Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
517.	GOST R 50652 (IEC 1000-4-10) cl. 8	Technical means used in medium and high voltage electrical substations			Resistance to an oscillatory-damped magnetic field (10 - 100 A/m)	withstood / did not withstand
518.	GOST R 51317.4.14 (IEC 61000-4-14) cl. 8	Electrical, electronic and radioelectronic products and equipment			Immunity to power voltage fluctuations ($\pm 0.08 U_{rated}$, $\pm 0.12 U_{rated}$)	withstood / did not withstand
519.	GOST R 51317.4.16 (IEC 61000-4-16) cl. 8	Electrical, electronic and radioelectronic products and equipment			Conducted immunity in frequency range from 0 to 150 kHz (1-30 V, 3-300 V, 0.1-30 V)	withstood / did not withstand
520.	GOST R 51317.4.28 (IEC 61000-4-28) cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to changes in supply voltage frequency ($\pm 3 - \pm 15\% f_{rated}$)	withstood / did not withstand
521.	GOST R 51317.4.34 (IEC 61000-4-34) cl. 8	Electrical, electronic and radioelectronic products and equipment			Resistance to dips, short-term interruptions and power supply voltage changes of technical means with current consumption over 16 A in one phase (-30%, -60%, -100%, +20% of U_{rated})	withstood / did not withstand
522.	GOST 30804.6.1 (IEC 61000-6-1) tables 1-4	Electrical, electronic and radioelectronic products and equipment			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
					Microsecond pulse resistance (0.5 - 4.0 kV)	withstood / did not withstand
					Resistance to the power-frequency magnetic field (0 - 1000 A/m)	withstood / did not withstand
					Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
					Immunity to dynamic changes of power supply voltage (-30%, -60%, -100%, + 20% of U_{rated})	withstood / did not withstand
523.	GOST 30804.6.2 (IEC 61000-6-2) tables 1-4	Electrical, electronic and radioelectronic products and equipment			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
					Microsecond pulse resistance (0.5 - 4.0 kV)	withstood / did not withstand
					Resistance to the power-frequency magnetic field (0 - 1000 A/m)	withstood / did not withstand

1	2	3	4	5	6	7
					Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
					Immunity to dynamic changes of power supply voltage (-30%, -60%, -100%, + 20% of U_{rated})	withstood / did not withstand
524.	GOST R 51317.6.5 (IEC 61000-6-5) tables 1-5	Electrotechnical and electronic products and equipment			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
					Microsecond pulse resistance (0.5 - 4.0 kV)	withstood / did not withstand
					Resistance to oscillatory-damped interference: (500 V, 1000 V, 2000 V, 2500 V, 1 MHz, 0.1 MHz)	withstood / did not withstand
					Conducted immunity in frequency range from 0 to 150 kHz (1-30 V, 3-300 V, 0.1-30 V)	withstood / did not withstand
					Resistance to the power-frequency magnetic field (0 - 1000 A/m)	withstood / did not withstand
					Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
					Immunity to dynamic changes of power supply voltage (-30%, -60%, -100%, + 20% of U_{rated})	withstood / did not withstand
525.	GOST 30887 tables 2-5	Electric drive systems with variable speed AC and DC motors			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand
					Microsecond pulse resistance (0.5 - 4.0 kV)	withstood / did not withstand
					Resistance to the power-frequency magnetic field (0 - 1000 A/m)	withstood / did not withstand
					Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
					Resistance to changes in supply voltage frequency ($\pm 3 - \pm 15\% f_{rated}$)	withstood / did not withstand
					Immunity to dynamic changes of power supply voltage (-30%, -60%, -100%, + 20% of U_{rated})	withstood / did not withstand
526.	GOST 32137 cl. 5.2.1	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to high energy microsecond impulse interference (0.5 - 4.0 kV)	withstood / did not withstand
527.	GOST 32137 cl. 5.2.2	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Immunity to dynamic changes of power supply voltage (-30%, -60%, -100%, + 20% of U_{rated})	withstood / did not withstand
528.	GOST 32137 cl. 5.2.3	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Fast transient burst immunity (0.25 -4 kV, 2.5 kHz, 5.0 kHz)	withstood / did not withstand

1	2	3	4	5	6	7
529.	GOST 32137 cl. 5.2.4	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Electrostatic discharge immunity (2 - 8 kV)	withstood / did not withstand
530.	GOST 32137 cl. 5.2.6	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to power frequency magnetic field (0-1000 A/m)	withstood / did not withstand
531.	GOST 32137 cl. 5.2.7	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to an impulse magnetic field (0-1000 A/m)	withstood / did not withstand
532.	GOST 32137 cl. 5.2.9	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to oscillatory-damped interference (500 V, 1000 V, 2000 V, 2500 V, 1 MHz, 0.1 MHz)	withstood / did not withstand
533.	GOST 32137 cl. 5.2.10	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Immunity to power voltage fluctuations ($\pm 0.08 U_{rated}$, $\pm 0.12 U_{rated}$)	withstood / did not withstand
534.	GOST 32137 cl. 5.2.11	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Conducted immunity in frequency range from 0 to 150 kHz (1-30 V, 3-300 V, 0.1-30 V)	withstood / did not withstand
535.	GOST 32137 cl. 5.2.12	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to changes in supply voltage frequency ($\pm 3 - \pm 15\% f_{rated}$)	withstood / did not withstand
536.	GOST 32137 cl. 5.2.16	Electrotechnical, electronic and radioelectronic products (equipment, devices)			Resistance to an oscillatory-damped magnetic field (10 - 100 A/m)	withstood / did not withstand
537.	GOST IEC 61000-4-5 cl. 8	Equipment exposed to high energy microsecond impulses under operating conditions			Resistance to high energy microsecond impulses (0.5 - 4.0 kV)	withstood / did not withstand
538.	GOST IEC 61000-4-8 cl. 8	Equipment exposed to 50 and 60 Hz power-frequency magnetic field under operating conditions			Resistance to the power-frequency magnetic field (0 - 1000 A/m)	withstood / did not withstand
539.	GOST IEC 61000-4-9 cl. 8	Equipment that is exposed to a pulsed magnetic field under operating conditions			Resistance to a pulsed magnetic field (0-1000 A/m)	withstood / did not withstand
540.	GOST IEC 61000-4-12 cl. 8	Electrical and electronic equipment			Ring wave immunity (500 V, 1000 V, 2000 V, 2500 V, 1 MHz, 0.1 MHz)	withstood / did not withstand
541.	STB IEC 61000-4-5 cl.8	Electrical and electronic equipment			Resistance to high energy microsecond impulse interference (0.5 - 4.0 kV)	withstood / did not withstand
542.	GOST 20.57.406 cl. 2.1	Electronic, quantum electronics and electrotechnical products			Determination of resonant frequencies of the structure (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
543.	GOST 20.57.406 cl. 2.2	Electronic, quantum electronics and electrotechnical products			Check for the absence of resonant frequencies of the structure in a given frequency range (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand

1	2	3	4	5	6	7
544.	GOST 20.57.406 cl. 2.3	Electronic, quantum electronics and electrotechnical products			Vibration resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
545.	GOST 20.57.406 cl. 2.4	Electronic, quantum electronics and electrotechnical products			Vibration strength (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
546.	GOST 20.57.406 cl. 2.5	Electronic, quantum electronics and electrotechnical products			Shock strength (40-10000 m/s ²)	withstood / did not withstand
547.	GOST 20.57.406 cl. 2.6	Electronic, quantum electronics and electrotechnical products			Shock resistance (40-10000 m/s ²)	withstood / did not withstand
548.	GOST 20.57.406 cl. 2.7	Electronic, quantum electronics and electrotechnical products			Single shock (40-10000 m/s ²)	withstood / did not withstand
549.	GOST 20.57.406 cl. 2.8	Electronic, quantum electronics and electrotechnical products			Linear acceleration (10-2000 Hz, 0 - 430 m/s ² , 40-10000 m/s ²)	withstood / did not withstand
550.	GOST 20.57.406 cl. 2.10	Electronic, quantum electronics and electrotechnical products			Tensile force resistance of terminals	complies/does not comply
551.	GOST 20.57.406 cl. 2.14	Electronic, quantum electronics and electrotechnical products			Screw terminals resistance to the impact of torque	complies/does not comply
552.	GOST 20.57.406 cl. 2.16	Electronic, quantum electronics and electrotechnical products			Increased ambient operating temperature (up to +130 °C)	withstood / did not withstand
553.	GOST 20.57.406 cl. 2.17	Electronic, quantum electronics and electrotechnical products			Increased limit ambient temperature (up to +130 °C)	withstood / did not withstand
554.	GOST 20.57.406 cl. 2.18	Electronic, quantum electronics and electrotechnical products			Reduced ambient operating temperature (down to -70 °C)	withstood / did not withstand
555.	GOST 20.57.406 cl. 2.19	Electronic, quantum electronics and electrotechnical products			Reduced limit ambient temperature (down to -70 °C)	withstood / did not withstand
556.	GOST 20.57.406 cl. 2.20	Electronic, quantum electronics and electrotechnical products			Changes in ambient temperature (-70 - +130 °C)	withstood / did not withstand
557.	GOST 20.57.406 cl. 2.21	Electronic, quantum electronics and electrotechnical products			Exposure to frost and dew (-70 - +130 °C)	withstood / did not withstand
558.	GOST 20.57.406 cl. 2.22	Electronic, quantum electronics and electrotechnical products			Increased humidity (long-term and accelerated exposure) (up to +130 °C, 0 - 98 %)	withstood / did not withstand
559.	GOST 20.57.406 cl. 2.23	Electronic, quantum electronics and electrotechnical products			Increased air humidity (short-term exposure) (up to +130 °C, 0 - 98 %)	withstood / did not withstand
560.	GOST 20.57.406 cl. 2.24	Electronic, quantum electronics and electrotechnical products			Reduced atmospheric pressure (\geq 18 mm Hg)	withstood / did not withstand
561.	GOST 20.57.406 cl. 2.27	Electronic, quantum electronics and electrotechnical products			Resistance to dynamic dust (sand)	withstood / did not withstand
562.	GOST 20.57.406 cl. 2.30	Electronic, quantum electronics and electrotechnical products			Resistance to salt mist	withstood / did not withstand
563.	GOST 20.57.406 cl. 2.32	Electronic, quantum electronics and electrotechnical products			Water resistance	withstood / did not withstand
564.	GOST 20.57.406 cl. 2.33	Electronic, quantum electronics and electrotechnical products			Resistance to rain	withstood / did not withstand

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565.	GOST 20.57.406 cl. 2.34	Electronic, quantum electronics and electrotechnical products			Drip resistance	withstood / did not withstand
566.	GOST 20.57.406 cl. 2.39	Electronic, quantum electronics and electrotechnical products			Solderability	complies/does not comply
567.	GOST 20.57.406 cl. 2.40	Electronic, quantum electronics and electrotechnical products			Heat-resistance during soldering	complies/does not comply
568.	GOST 20.57.406 cl. 2.41	Electronic, quantum electronics and electrotechnical products			Overall, mounting, connecting dimensions (0–5,000 mm)	complies/does not comply
569.	GOST 20.57.406 cl. 2.42	Electronic, quantum electronics and electrotechnical products			Appearance	complies/does not comply
570.	GOST 20.57.406 cl. 2.43	Electronic, quantum electronics and electrotechnical products			Weight (0–5,000 kg)	complies/does not comply
571.	GOST 15963 cl. 4.2	Electrical products			Air humidity (up to +130 °C, 0 - 98 %)	withstood / did not withstand
572.	GOST 15963 cl. 4.3	Electrical products			Upper ambient temperature value (up to +130 °C)	withstood / did not withstand
573.	GOST 15963 cl. 4.5	Electrical products			Resistance to dynamic dust	withstood / did not withstand
574.	GOST 15963 cl. 4.6	Electrical products			Resistance to salt mist	withstood / did not withstand
575.	GOST 15963 cl. 4.8	Electrical products			Lower ambient temperature value (down to -70 °C)	withstood / did not withstand
576.	GOST 15963 cl. 4.10	Electrical products			Splashproofness	withstood / did not withstand
577.	GOST 16962 cl. 2.2.1	Electronic and electrical equipment.			Determination of resonant frequencies of the structure (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
578.	GOST 16962 cl. 2.2.2	Electronic and electrical equipment.			Vibration resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
579.	GOST 16962 cl. 2.2.3	Electronic and electrical equipment.			Vibration strength (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
580.	GOST 16962 cl. 2.2.4	Electronic and electrical equipment.			Shock strength (40-10000 m/s ²)	withstood / did not withstand
581.	GOST 16962 cl. 2.2.5	Electronic and electrical equipment.			Shock resistance (40-10000 m/s ²)	withstood / did not withstand
582.	GOST 16962 cl. 2.2.6	Electronic and electrical equipment.			Single shock (40-10000 m/s ²)	withstood / did not withstand
583.	GOST 16962 cl. 2.2.7	Electronic and electrical equipment.			Linear (centrifugal) loads (10-2000 Hz, 0 - 430 m/s ² , 40-10000 m/s ²)	withstood / did not withstand
584.	GOST 16962 cl. 2.2.9	Electronic and electrical equipment.			Resistance of terminals (terminal ends) to tensile force Visual inspection	complies/does not comply
585.	GOST 16962 cl. 2.2.13	Electronic and electrical equipment.			Screw terminals resistance to the impact of torque	complies/does not comply

1	2	3	4	5	6	7
586.	GOST 16962 cl. 2.3.1	Electronic and electrical equipment.			Heat resistance during operation (up to +130 °C)	withstood / did not withstand
587.	GOST 16962 cl. 2.3.2	Electronic and electrical equipment.			Heat resistance at transport and storage temperatures (up to +130 °C)	withstood / did not withstand
588.	GOST 16962 cl. 2.3.3	Electronic and electrical equipment.			Cold resistance during operation (down to -70 °C)	withstood / did not withstand
589.	GOST 16962 cl. 2.3.4	Electronic and electrical equipment.			Cold resistance at transport and storage temperatures (down to -70 °C)	withstood / did not withstand
590.	GOST 16962 cl. 2.3.5	Electronic and electrical equipment.			Temperature change (temperature cycling) (-70 to +130 °C)	withstood / did not withstand
591.	GOST 16962 cl. 2.3.6	Electronic and electrical equipment.			Exposure to frost followed by thawing (-70 - +130 °C)	withstood / did not withstand
592.	GOST 16962 cl. 2.3.7	Electronic and electrical equipment.			Moisture resistance, long-term and accelerated (up to +130 °C, 0 - 98 %)	withstood / did not withstand
593.	GOST 16962 cl. 2.3.8	Electronic and electrical equipment.			Moisture resistance, short-term (up to +130 °C, 0 - 98 %)	withstood / did not withstand
594.	GOST 16962 cl. 2.3.9	Electronic and electrical equipment.			Reduced atmospheric pressure (≥ 18 mm Hg)	withstood / did not withstand
595.	GOST 16962 cl. 2.3.12	Electronic and electrical equipment.			Resistance to dynamic dust	withstood / did not withstand
596.	GOST 16962 cl. 2.3.15	Electronic and electrical equipment.			Resistance to salt mist	withstood / did not withstand
597.	GOST 16962 cl. 2.3.17	Electronic and electrical equipment.			Water resistance	withstood / did not withstand
598.	GOST 16962 cl. 2.3.18	Electronic and electrical equipment.			Splashproofness	withstood / did not withstand
599.	GOST 16962 cl. 2.3.19	Electronic and electrical equipment.			Drip resistance	withstood / did not withstand
600.	GOST 16962.1 cl. 2.1	Electrical products			Upper ambient temperature value during operation (up to +130 °C)	withstood / did not withstand
601.	GOST 16962.1 cl. 2.2	Electrical products			Upper temperature value for transport and storage (up to +130 °C)	withstood / did not withstand
602.	GOST 16962.1 cl. 2.3	Electrical products			Changes in ambient temperature (-70 - +130 °C)	withstood / did not withstand
603.	GOST 16962.1 cl. 2.4	Electrical products			Exposure to humidity - long-term, accelerated or at dewfall conditions (up to +130 °C, 0 - 98 %)	withstood / did not withstand
604.	GOST 16962.1 cl. 2.5	Electrical products			Reduced atmospheric pressure (≥ 18 mm Hg)	withstood / did not withstand
605.	GOST 16962.1 cl. 2.7	Electrical products			Resistance to dynamic dust (sand)	withstood / did not withstand
606.	GOST 16962.1 cl. 2.9	Electrical products			Water resistance	withstood / did not withstand

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607.	GOST 16962.1 cl. 2.10	Electrical products			Resistance to rain	withstood / did not withstand
608.	GOST 16962.1 cl. 2.11	Electrical products			Drip resistance	withstood / did not withstand
609.	GOST 16962.1 cl. 2.12	Electrical products			Waterproofness	withstood / did not withstand
610.	GOST 16962.1 cl. 2.13	Electrical products			Splashproofness	withstood / did not withstand
611.	GOST 16962.2 cl. 2.1	Electrical products			Vibration resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
612.	GOST 16962.2 cl. 2.2	Electrical products			Vibration strength (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
613.	GOST 16962.2 cl. 2.3	Electrical products			Shock strength (40-10000 m/s ²)	withstood / did not withstand
614.	GOST 16962.2 cl. 2.4	Electrical products			Single shock (40-10000 m/s ²)	withstood / did not withstand
615.	GOST 16962.2 cl. 2.5	Electrical products			Free-fall resistance	complies/does not comply
616.	GOST 16962.2 cl. 2.8	Electrical products			Seismic shock resistance (10-2000 Hz, 0 - 430 m/s ² , 40-10000 m/s ²)	withstood / did not withstand
617.	GOST 17412 cl. 3.1	Electrical products			Temperature change (-70 to +130 °C)	withstood / did not withstand
618.	GOST 17412 cl. 3.2	Electrical products			Moisture resistance (up to +130 °C, 0 - 98 %)	withstood / did not withstand
619.	GOST 17412 cl. 3.3	Electrical products			Cold resistance during operation (down to -70 °C)	withstood / did not withstand
620.	GOST 17412 cl. 3.4	Electrical products			Cold resistance at transport and storage temperatures (down to -70 °C)	withstood / did not withstand
621.	GOST 30546.2 cl.5	All types of stationary and transportable machines, instruments and other technical products, hoisting cranes and equipment for them			Dynamic characteristics of structures (10-2000 Hz, 0 - 430 m/s ² , 40-10000 m/s ²)	withstood / did not withstand
622.	GOST 30546.2 cl. 6	All types of stationary and transportable machines, instruments and other technical products, hoisting cranes and equipment for them			Vibration resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand
623.	GOST 30546.3 cl. 5	All types of stationary and transportable machines, instruments and other technical products, hoisting cranes and equipment for them			Seismic resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand

1	2	3	4	5	6	7
624.	GOST 30546.3 cl. 6	All types of stationary and transportable machines, instruments and other technical products, hoisting cranes and equipment for them			Seismic resistance (10-2000 Hz, 0 - 430 m/s ²)	withstood / did not withstand

The Director General of ChEAZ JSC
authorized person's position

authorized person's signature

R.A. Nikulin

initials, surname of another authorized person