



EN 60617:1996 Library

22/04/2010

Revision	Date	Change	Type	Qty
V1.0.0	22/04/2010	Initial release	EN 60617 Symbols	810
			Fibers	2
			Groups	5
			Templates	4
			Total	821

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Index	EN 60617 Number	Compliance	Block	Description	Type	Revision	Datatable	No of Symbols
1	02.01.01	EN 60617-1996	Block	Object	Symbol elements	N/a	N/a	1
2	02.01.02	EN 60617-1996	Block	Object	Symbol elements	N/a	N/a	1
3	02.01.03	EN 60617-1996	Block	Object	Symbol elements	N/a	N/a	1
4	02.01.04	EN 60617-1996	Block	Envelope	Symbol elements	N/a	N/a	1
5	02.01.05	EN 60617-1996	Block	Envelope	Symbol elements	N/a	N/a	1
6	02.01.06	EN 60617-1996	Block	Boundary	Symbol elements	N/a	N/a	1
7	02.01.07	EN 60617-1996	Block	Screen,Shield	Symbol elements	N/a	N/a	1
8	02.01.08	EN 60617-1996	Block	Protection against direct contact	Symbol elements	N/a	N/a	1
9	02.02.03	EN 60617-1996	Block	Direct Current	Qualifying symbols	N/a	N/a	1
10	02.02.04	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
11	02.02.05	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
12	02.02.06	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
13	02.02.07	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
14	02.02.08	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
15	02.02.09	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
16	02.02.10	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
17	02.02.11	EN 60617-1996	Block	Alternating current	Qualifying symbols	N/a	N/a	1
18	02.02.12	EN 60617-1996	Block	Rectified Current	Qualifying symbols	N/a	N/a	1
19	02.02.13	EN 60617-1996	Block	Positive Polarity	Qualifying symbols	N/a	N/a	1
20	02.02.14	EN 60617-1996	Block	Negative polarity	Qualifying symbols	N/a	N/a	1
21	02.02.15	EN 60617-1996	Block	Neutral	Qualifying symbols	N/a	N/a	1
22	02.02.16	EN 60617-1996	Block	Mid wire	Qualifying symbols	N/a	N/a	1
23	02.03.01	EN 60617-1996	Block	Adjustability	Adjustability,Variability and automatic control	N/a	N/a	1
24	02.03.02	EN 60617-1996	Block	Adjustability,Non-Linear	Adjustability,Variability and automatic control	N/a	N/a	1
25	02.03.03	EN 60617-1996	Block	Variability	Adjustability,Variability and automatic control	N/a	N/a	1
26	02.03.04	EN 60617-1996	Block	Variability,Non-Linear	Adjustability,Variability and automatic control	N/a	N/a	1
27	02.03.05	EN 60617-1996	Block	Pre-set adjustability	Adjustability,Variability and automatic control	N/a	N/a	1
28	02.03.06	EN 60617-1996	Block	Pre-set adjustment at zero current	Adjustability,Variability and automatic control	N/a	N/a	1
29	02.03.07	EN 60617-1996	Block	Action in steps	Adjustability,Variability and automatic control	N/a	N/a	1
30	02.03.08	EN 60617-1996	Block	Adjustability-5 steps	Adjustability,Variability and automatic control	N/a	N/a	1
31	02.03.09	EN 60617-1996	Block	Continuous variability	Adjustability,Variability and automatic control	N/a	N/a	1
32	02.03.10	EN 60617-1996	Block	Pre-set adjustment,continuously variable	Adjustability,Variability and automatic control	N/a	N/a	1
33	02.03.11	EN 60617-1996	Block	Automatic control	Adjustability,Variability and automatic control	N/a	N/a	1
34	02.03.12	EN 60617-1996	Block	Amplifier with automatic control	Adjustability,Variability and automatic control	N/a	N/a	1
35	02.04.01	EN 60617-1996	Block	Unidirectional force	Direction of Force or Motion	N/a	N/a	1
36	02.04.02	EN 60617-1996	Block	Bidirectional force	Direction of Force or Motion	N/a	N/a	1
37	02.04.03	EN 60617-1996	Block	Unidirectional circular motion	Direction of Force or Motion	N/a	N/a	1
38	02.04.04	EN 60617-1996	Block	Bidirectional circular motion	Direction of Force or Motion	N/a	N/a	1
39	02.04.05	EN 60617-1996	Block	Bidirectional circular motion	Direction of Force or Motion	N/a	N/a	1
40	02.04.06	EN 60617-1996	Block	Oscillating motion	Direction of Force or Motion	N/a	N/a	1
41	02.05.01	EN 60617-1996	Block	Propogation,one way	Direction of flow	N/a	N/a	1
42	02.05.02	EN 60617-1996	Block	Propogation, both ways	Direction of flow	N/a	N/a	1
43	02.05.03	EN 60617-1996	Block	Propogation, both ways	Direction of flow	N/a	N/a	1
44	02.05.04	EN 60617-1996	Block	Transmission	Direction of flow	N/a	N/a	1
45	02.05.05	EN 60617-1996	Block	Reception	Direction of flow	N/a	N/a	1
46	02.05.06	EN 60617-1996	Block	Energy flow from bus bars	Direction of flow	N/a	N/a	1
47	02.05.07	EN 60617-1996	Block	Energy flow towards bus bars	Direction of flow	N/a	N/a	1
48	02.05.08	EN 60617-1996	Block	Bidirectional energy flow	Direction of flow	N/a	N/a	1

49	02.06.01	EN 60617-1996	Block	Actuating indication	Operational dependence on characteristic quantity	N/a	N/a	1
50	02.06.02	EN 60617-1996	Block	Actuating indication	Operational dependence on characteristic quantity	N/a	N/a	1
51	02.06.03	EN 60617-1996	Block	Actuating indication	Operational dependence on characteristic quantity	N/a	N/a	1
52	02.06.04	EN 60617-1996	Block	Actuating indication	Operational dependence on characteristic quantity	N/a	N/a	1
53	02.06.05	EN 60617-1996	Block	Actuating indication	Operational dependence on characteristic quantity	N/a	N/a	1
54	02.07.01	EN 60617-1996	Block	Material, unspecified	Material Types	N/a	N/a	1
55	02.07.02	EN 60617-1996	Block	Material, Solid	Material Types	N/a	N/a	1
56	02.07.03	EN 60617-1996	Block	Material, Liquid	Material Types	N/a	N/a	1
57	02.07.04	EN 60617-1996	Block	Material, Gas	Material Types	N/a	N/a	1
58	02.07.05	EN 60617-1996	Block	Material, Electret	Material Types	N/a	N/a	1
59	02.07.06	EN 60617-1996	Block	Material, semiconducting	Material Types	N/a	N/a	1
60	02.07.07	EN 60617-1996	Block	Material, Insulating	Material Types	N/a	N/a	1
61	02.08.01	EN 60617-1996	Block	Thermal effect	Effect or dependence	N/a	N/a	1
62	02.08.02	EN 60617-1996	Block	Electromagnetic effect	Effect or dependence	N/a	N/a	1
63	02.08.03	EN 60617-1996	Block	Magnetostrictive effect	Effect or dependence	N/a	N/a	1
64	02.08.04	EN 60617-1996	Block	Magnetic field effect	Effect or dependence	N/a	N/a	1
65	02.08.05	EN 60617-1996	Block	Delay	Effect or dependence	N/a	N/a	1
66	02.08.06	EN 60617-1996	Block	Semiconductor effect	Effect or dependence	N/a	N/a	1
67	02.08.07	EN 60617-1996	Block	Coupling effect with electrical separation	Effect or dependence	N/a	N/a	1
68	02.09.01	EN 60617-1996	Block	Electromagnetic radiation	Radiation	N/a	N/a	1
69	02.09.02	EN 60617-1996	Block	Coherent radiation	Radiation	N/a	N/a	1
70	02.09.03	EN 60617-1996	Block	Radiation, Ionizing	Radiation	N/a	N/a	1
71	02.09.04	EN 60617-1996	Block	Electromagnetic radiation, non-ionizing	Radiation	N/a	N/a	1
72	02.09.05	EN 60617-1996	Block	Coherent radiation, non-ionizing	Radiation	N/a	N/a	1
73	02-10.01	EN 60617-1996	Block	Positive pulse	Signal waveforms	N/a	N/a	1
74	02-10.02	EN 60617-1996	Block	Negative pulse	Signal waveforms	N/a	N/a	1
75	02-10.03	EN 60617-1996	Block	Pulse of alternating current	Signal waveforms	N/a	N/a	1
76	02-10.04	EN 60617-1996	Block	Positive step function	Signal waveforms	N/a	N/a	1
77	02-10.05	EN 60617-1996	Block	Negative step function	Signal waveforms	N/a	N/a	1
78	02-10.06	EN 60617-1996	Block	Saw tooth wave	Signal waveforms	N/a	N/a	1
79	02.11.01	EN 60617-1996	Block	Tape printing	Printing, perforating and facsimile	N/a	N/a	1
80	02.11.02	EN 60617-1996	Block	Perforated tape	Printing, perforating and facsimile	N/a	N/a	1
81	02.11.03	EN 60617-1996	Block	Simultaneous printing and perforating tape	Printing, perforating and facsimile	N/a	N/a	1
82	02.11.04	EN 60617-1996	Block	Page printing	Printing, perforating and facsimile	N/a	N/a	1
83	02.11.05	EN 60617-1996	Block	Keyboard	Printing, perforating and facsimile	N/a	N/a	1
84	02.11.06	EN 60617-1996	Block	Facsimile	Printing, perforating and facsimile	N/a	N/a	1
85	02.12.01	EN 60617-1996	Block	Link	Mechanical controls	N/a	N/a	1
86	02.12.02	EN 60617-1996	Block	Mechanical link	Mechanical controls	N/a	N/a	1
87	02.12.03	EN 60617-1996	Block	Mechanical link	Mechanical controls	N/a	N/a	1
88	02.12.04	EN 60617-1996	Block	Optional link	Mechanical controls	N/a	N/a	1
89	02.12.05	EN 60617-1996	Block	Delayed action	Mechanical controls	N/a	N/a	1
90	02.12.06	EN 60617-1996	Block	Delayed action	Mechanical controls	N/a	N/a	1
91	02.12.07	EN 60617-1996	Block	Automatic return	Mechanical controls	N/a	N/a	1
92	02.12.08	EN 60617-1996	Block	Detent	Mechanical controls	N/a	N/a	1
93	02.12.09	EN 60617-1996	Block	Detent, disengaged	Mechanical controls	N/a	N/a	1
94	02.12.10	EN 60617-1996	Block	Detent, engaged	Mechanical controls	N/a	N/a	1
95	02.12.11	EN 60617-1996	Block	Mechanical interlock between two devices	Mechanical controls	N/a	N/a	1
96	02.12.12	EN 60617-1996	Block	Latching device, disengaged	Mechanical controls	N/a	N/a	1
97	02.12.13	EN 60617-1996	Block	Latching device, engaged	Mechanical controls	N/a	N/a	1
98	02.12.14	EN 60617-1996	Block	Blocking device	Mechanical controls	N/a	N/a	1
99	02.12.15	EN 60617-1996	Block	Blocking device engaged	Mechanical controls	N/a	N/a	1
100	02.12.16	EN 60617-1996	Block	Clutch	Mechanical controls	N/a	N/a	1
101	02.12.17	EN 60617-1996	Block	Mechanical coupling	Mechanical controls	N/a	N/a	1
102	02.12.18	EN 60617-1996	Block	Mechanical coupling, engaged	Mechanical controls	N/a	N/a	1
103	02.12.19	EN 60617-1996	Block	Unidirectional coupling device for rotation	Mechanical controls	N/a	N/a	1
104	02.12.20	EN 60617-1996	Block	Brake	Mechanical controls	N/a	N/a	1
105	02.12.21	EN 60617-1996	Block	Motor with Brake applied	Mechanical controls	N/a	N/a	1
106	02.12.22	EN 60617-1996	Block	Motor with Brake released	Mechanical controls	N/a	N/a	1
107	02.12.23	EN 60617-1996	Block	Gearing	Mechanical controls	N/a	N/a	1
108	02.13.01	EN 60617-1996	Block	Manual Actuator	Actuators-set 1	N/a	N/a	1
109	02.13.02	EN 60617-1996	Block	Manual Actuator	Actuators-set 1	N/a	N/a	1
110	02.13.03	EN 60617-1996	Block	Actuator-Pull operated	Actuators-set 1	N/a	N/a	1
111	02.13.04	EN 60617-1996	Block	Actuator-Turn operated	Actuators-set 1	N/a	N/a	1
112	02.13.05	EN 60617-1996	Block	Actuator-Push operated	Actuators-set 1	N/a	N/a	1
113	02.13.06	EN 60617-1996	Block	Actuator-Proximity effect operated	Actuators-set 1	N/a	N/a	1
114	02.13.07	EN 60617-1996	Block	Actuator-Touch operated	Actuators-set 1	N/a	N/a	1
115	02.13.08	EN 60617-1996	Block	Emergency Actuator	Actuators-set 1	N/a	N/a	1
116	02.13.09	EN 60617-1996	Block	Hand wheel operated	Actuators-set 1	N/a	N/a	1
117	02.13.10	EN 60617-1996	Block	Pedal operated	Actuators-set 1	N/a	N/a	1
118	02.13.11	EN 60617-1996	Block	Lever operated	Actuators-set 1	N/a	N/a	1

119	02.13.12	EN 60617-1996	Block	Removable handle operated	Actuators-set 1	N/a	N/a	1
120	02.13.13	EN 60617-1996	Block	Key operated	Actuators-set 1	N/a	N/a	1
121	02.13.14	EN 60617-1996	Block	Crank operated	Actuators-set 1	N/a	N/a	1
122	02.13.15	EN 60617-1996	Block	Roller operated	Actuators-set 1	N/a	N/a	1
123	02.13.16	EN 60617-1996	Block	Cam operated	Actuators-set 1	N/a	N/a	1
124	02.13.17	EN 60617-1996	Block	Cam profile	Actuators-set 1	N/a	N/a	1
125	02.13.18	EN 60617-1996	Block	Profile plate	Actuators-set 1	N/a	N/a	1
126	02.13.19	EN 60617-1996	Block	Cam and roller operated	Actuators-set 1	N/a	N/a	1
127	02.13.20	EN 60617-1996	Block	Stored Mechanical energy operated	Actuators-set 1	N/a	N/a	1
128	02.13.21	EN 60617-1996	Block	Single acting, pneumatic or hydraulic power	Actuators-set 1	N/a	N/a	1
129	02.13.22	EN 60617-1996	Block	Double acting, pneumatic or hydraulic power	Actuators-set 1	N/a	N/a	1
130	02.13.23	EN 60617-1996	Block	Electromagnetic effect operated	Actuators-set 1	N/a	N/a	1
131	02.13.24	EN 60617-1996	Block	Electromagnetic device operated	Actuators-set 1	N/a	N/a	1
132	02.13.25	EN 60617-1996	Block	Thermal device Operated	Actuators-set 1	N/a	N/a	1
133	02.13.26	EN 60617-1996	Block	Electric motor operated	Actuators-set 1	N/a	N/a	1
134	02.13.27	EN 60617-1996	Block	Electric Clock operated	Actuators-set 1	N/a	N/a	1
135	02.13.28	EN 60617-1996	Block	Semiconductor operated	Actuators-set 1	N/a	N/a	1
136	02.14.01	EN 60617-1996	Block	Liquid level operated	Actuators-set 2	N/a	N/a	1
137	02.14.02	EN 60617-1996	Block	Counter operated	Actuators-set 2	N/a	N/a	1
138	02.14.03	EN 60617-1996	Block	Fluid flow operated	Actuators-set 2	N/a	N/a	1
139	02.14.04	EN 60617-1996	Block	Gas flow operated	Actuators-set 2	N/a	N/a	1
140	02.14.05	EN 60617-1996	Block	Relative humidity operated	Actuators-set 2	N/a	N/a	1
141	02.15.01	EN 60617-1996	Block	Earth,Ground	Earth and frame connections	N/a	N/a	1
142	02.15.02	EN 60617-1996	Block	Noiseless earth	Earth and frame connections	N/a	N/a	1
143	02.15.03	EN 60617-1996	Block	Protective earth	Earth and frame connections	N/a	N/a	1
144	02.15.04	EN 60617-1996	Block	Frame	Earth and frame connections	N/a	N/a	1
145	02.15.05	EN 60617-1996	Block	Equipotentiality	Earth and frame connections	N/a	N/a	1
146	02.16.01	EN 60617-1996	Block	Ideal current source	Ideal circuit elements	N/a	N/a	1
147	02.16.02	EN 60617-1996	Block	Ideal voltage source	Ideal circuit elements	N/a	N/a	1
148	02.16.03	EN 60617-1996	Block	Ideal gyrator	Ideal circuit elements	N/a	N/a	1
149	02.17.01	EN 60617-1996	Block	Fault	Miscellaneous	N/a	N/a	1
150	02.17.02	EN 60617-1996	Block	Flashover	Miscellaneous	N/a	N/a	1
151	02.17.03	EN 60617-1996	Block	Permanent magnet	Miscellaneous	N/a	N/a	1
152	02.17.04	EN 60617-1996	Block	Movable contact	Miscellaneous	N/a	N/a	1
153	02.17.05	EN 60617-1996	Block	Test point indicator	Miscellaneous	N/a	N/a	1
154	02.17.06	EN 60617-1996	Block	Converter	Miscellaneous	N/a	N/a	1
155	02.17.06A	EN 60617-1996	Block	Conversion	Miscellaneous	N/a	N/a	1
156	02.17.08	EN 60617-1996	Block	Analogue	Miscellaneous	N/a	N/a	1
157	02.17.09	EN 60617-1996	Block	Digital	Miscellaneous	N/a	N/a	1
158	03.01.01	EN 60617-1996	Fiber	Connection	Connections	N/a	N/a	1
159	03.01.02	EN 60617-1996	Fiber	Three connections	Connections	N/a	N/a	1
161	03.01.04	EN 60617-1996	Group	DC circuit,110V,two aluminium conductors of 120 mm2	Connections	N/a	N/a	1
162	03.01.05	EN 60617-1996	Group	Three phase circuit,50 Hz,400V,Three conductors of 120 mm2,with neutral of 50	Connections	N/a	N/a	1
163	03.01.06	EN 60617-1996	Block	Flexible connection	Connections	N/a	N/a	1
164	03.01.07	EN 60617-1996	Block	Screened conductor	Connections	N/a	N/a	1
165	03.01.08	EN 60617-1996	Group	Twisted Connection	Connections	N/a	N/a	1
166	03.01.09	EN 60617-1996	Group	Three conductors	Connections	N/a	N/a	1
168	03.01.11	EN 60617-1996	Group	Co-axial Pair	Connections	N/a	N/a	1
170	03.01.13	EN 60617-1996	Block	Coaxial with screen	Connections	N/a	N/a	1
171	03.01.14	EN 60617-1996	Block	End of conductor	Connections	N/a	N/a	1
172	03.01.15	EN 60617-1996	Block	End of conductor,Insulated	Connections	N/a	N/a	1
173	03.02.01	EN 60617-1996	Block	Three connections	Junctions, Terminals, Branchings	N/a	N/a	1
174	03.02.02	EN 60617-1996	Block	Number of Conductors	Junctions, Terminals, Branchings	N/a	N/a	1
175	03.02.03	EN 60617-1996	Block	Direct Current	Junctions, Terminals, Branchings	N/a	N/a	1
176	03.02.04	EN 60617-1996	Block	T-connection	Junctions, Terminals, Branchings	N/a	N/a	1
177	03.02.05	EN 60617-1996	Block	T-connection	Junctions, Terminals, Branchings	N/a	N/a	1
178	03.02.06	EN 60617-1996	Block	Double junction of conductors	Junctions, Terminals, Branchings	N/a	N/a	1
179	03.02.07	EN 60617-1996	Block	Double junction of conductors	Junctions, Terminals, Branchings	N/a	N/a	1
180	03.02.09	EN 60617-1996	Block	Branching	Junctions, Terminals, Branchings	N/a	N/a	1
181	03.02.11	EN 60617-1996	Block	Interchange of conductors	Junctions, Terminals, Branchings	N/a	N/a	1
182	03.02.12	EN 60617-1996	Block	Change of phase sequence	Junctions, Terminals, Branchings	N/a	N/a	1
183	03.02.13	EN 60617-1996	Block	Neutral point	Junctions, Terminals, Branchings	N/a	N/a	1
184	03.02.14	EN 60617-1996	Block	Three-phase synchronous generator	Junctions, Terminals, Branchings	N/a	N/a	1
185	03.02.15	EN 60617-1996	Block	Three-phase synchronous generator	Junctions, Terminals, Branchings	N/a	N/a	1
186	03.02.16	EN 60617-1996	Block	Conductor tap not interrupting the conductor	Junctions, Terminals, Branchings	N/a	N/a	1
187	03.02.17	EN 60617-1996	Block	Junction requiring a special tool	Junctions, Terminals, Branchings	N/a	N/a	1
188	03.03.01	EN 60617-1996	Block	Female contact (of a socket or plug)	Connection Devices	N/a	N/a	1
189	03.03.03	EN 60617-1996	Block	Male contact (of a socket or plug)	Connection Devices	N/a	N/a	1
190	03.03.05	EN 60617-1996	Block	Plug and socket	Connection Devices	N/a	N/a	1

191	03.03.07	EN 60617-1996	Block	Socket and plug, multipole	Connection Devices	N/a	N/a	1
192	03.03.08	EN 60617-1996	Block	Socket and plug, multipole	Connection Devices	N/a	N/a	1
193	03.03.09	EN 60617-1996	Block	Connector, fixed portion of an assembly	Connection Devices	N/a	N/a	1
194	03.03.10	EN 60617-1996	Block	Connector, movable portion of an assembly	Connection Devices	N/a	N/a	1
195	03.03.11	EN 60617-1996	Block	Connector assembly	Connection Devices	N/a	N/a	1
196	03.03.12	EN 60617-1996	Block	Telephone type plug and jack	Connection Devices	N/a	N/a	1
197	03.03.13	EN 60617-1996	Block	Telephone type plug and jack with break contacts	Connection Devices	N/a	N/a	1
198	03.03.14	EN 60617-1996	Block	Telephone type break jack	Connection Devices	N/a	N/a	1
199	03.03.15	EN 60617-1996	Block	Coaxial plug and socket	Connection Devices	N/a	N/a	1
200	03.03.16	EN 60617-1996	Block	Butt-connector	Connection Devices	N/a	N/a	1
201	03.03.17	EN 60617-1996	Block	Connecting link, closed	Connection Devices	N/a	N/a	1
202	03.03.18	EN 60617-1996	Block	Connecting link, closed	Connection Devices	N/a	N/a	1
203	03.03.19	EN 60617-1996	Block	Connecting link, open	Connection Devices	N/a	N/a	1
204	03.03.20	EN 60617-1996	Block	Plug and socket-type connector	Connection Devices	N/a	N/a	1
205	03.03.21	EN 60617-1996	Block	male-female	Connection Devices	N/a	N/a	1
206	03.03.22	EN 60617-1996	Block	male-male with socket access	Connection Devices	N/a	N/a	1
207	03.04.01	EN 60617-1996	Block	Cable sealing end, shown with one three-core cable	Cable Fittings	N/a	N/a	1
208	03.04.02	EN 60617-1996	Block	Cable sealing end, shown with three one-core cables	Cable Fittings	N/a	N/a	1
209	03.04.03	EN 60617-1996	Block	Straight-through joint box, shown with three conductors.single-line	Cable Fittings	N/a	N/a	1
210	03.04.04	EN 60617-1996	Block	Straight-through joint box, shown with three conductors.multi-line	Cable Fittings	N/a	N/a	1
211	03.04.05	EN 60617-1996	Block	Junction box, shown with three conductors with T-connections.multi-line	Cable Fittings	N/a	N/a	1
212	03.04.06	EN 60617-1996	Block	Junction box, shown with three conductors with T-connections.single-line	Cable Fittings	N/a	N/a	1
213	03.04.07	EN 60617-1996	Block	Pressure-tight bulkhead cable gland, shown with three cables	Cable Fittings	N/a	N/a	1
214	04.01.01	EN 60617-1996	Block	Resistor	Resistors	N/a	N/a	1
215	04.01.03	EN 60617-1996	Block	Adjustable resistor	Resistors	N/a	N/a	1
216	04.01.04	EN 60617-1996	Block	Voltage dependent resistor	Resistors	N/a	N/a	1
217	04.01.05	EN 60617-1996	Block	Resistor with movable contact	Resistors	N/a	N/a	1
218	04.01.06	EN 60617-1996	Block	Resistor with movable contact and off position	Resistors	N/a	N/a	1
219	04.01.07	EN 60617-1996	Block	Potentiometer with movable contact	Resistors	N/a	N/a	1
220	04.01.08	EN 60617-1996	Block	Potentiometer with movable contact and pre-set adjustment	Resistors	N/a	N/a	1
221	04.01.09	EN 60617-1996	Block	Resistor with fixed tapplings(taps)	Resistors	N/a	N/a	1
222	04.01.10	EN 60617-1996	Block	Shunt	Resistors	N/a	N/a	1
223	04.01.11	EN 60617-1996	Block	Carbon-pile resistor	Resistors	N/a	N/a	1
224	04.01.12	EN 60617-1996	Block	Heating element	Resistors	N/a	N/a	1
225	04.02.01	EN 60617-1996	Block	Capacitor	Capacitors	N/a	N/a	1
226	04.02.03	EN 60617-1996	Block	Lead-through capacitor	Capacitors	N/a	N/a	1
227	04.02.05	EN 60617-1996	Block	Polarized capacitor	Capacitors	N/a	N/a	1
228	04.02.07	EN 60617-1996	Block	Adjustable capacitor	Capacitors	N/a	N/a	1
229	04.02.09	EN 60617-1996	Block	Capacitor with pre-set adjustment	Capacitors	N/a	N/a	1
230	04.02.11	EN 60617-1996	Block	Differential capacitor	Capacitors	N/a	N/a	1
231	04.02.13	EN 60617-1996	Block	Split capacitor	Capacitors	N/a	N/a	1
232	04.02.15	EN 60617-1996	Block	Temperature dependent polarised capacitor	Capacitors	N/a	N/a	1
233	04.02.16	EN 60617-1996	Block	Voltage dependent polarised capacitor	Capacitors	N/a	N/a	1
234	04.03.01	EN 60617-1996	Block	Inductor	Inductors	N/a	N/a	1
235	04.03.03	EN 60617-1996	Block	Inductor with magnetic core	Inductors	N/a	N/a	1
236	04.03.04	EN 60617-1996	Block	Inductore with gap in magnetic core	Inductors	N/a	N/a	1
237	04.03.05	EN 60617-1996	Block	Continously variable inductor with magnetic core	Inductors	N/a	N/a	1
238	04.03.06	EN 60617-1996	Block	Inductor with fixed tapplings	Inductors	N/a	N/a	1
239	04.03.07	EN 60617-1996	Block	Inductor with movable contact	Inductors	N/a	N/a	1
240	04.03.08	EN 60617-1996	Block	Variometer	Inductors	N/a	N/a	1
241	04.03.09	EN 60617-1996	Block	Coaxial choke with magnetic core	Inductors	N/a	N/a	1
242	04.03.10	EN 60617-1996	Block	Ferrite bead on conductor	Inductors	N/a	N/a	1
243	04.04.01	EN 60617-1996	Block	Ferrite core	Symbol elements	N/a	N/a	1
244	04.04.02A	EN 60617-1996	Block	Flux current direction indicator	Symbol elements	N/a	N/a	1
245	04.04.02B	EN 60617-1996	Block	Flux current direction indicator	Symbol elements	N/a	N/a	1
246	04.04.03	EN 60617-1996	Block	Ferrite core with one winding	Symbol elements	N/a	N/a	1
247	04.05.01	EN 60617-1996	Block	Ferrite core with five windings	Ferrite cores	N/a	N/a	1
248	04.05.02	EN 60617-1996	Block	Ferrite core with n turns	Ferrite cores	N/a	N/a	1
249	04.06.01	EN 60617-1996	Block	Ferrite core Matrix	Magnetic,Storage Matrices	N/a	N/a	1
250	04.06.02	EN 60617-1996	Block	Matrix arrangement comprising thin sheet magnetic stores	Magnetic,Storage Matrices	N/a	N/a	1
251	04.07.01	EN 60617-1996	Block	Piezoelectric crystal with two electrodes	Piezoelectric crystals,Electret	N/a	N/a	1
252	04.07.02	EN 60617-1996	Block	Piezoelectric crystal with three electrodes	Piezoelectric crystals,Electret	N/a	N/a	1
253	04.07.03	EN 60617-1996	Block	Piezoelectric crystal with two pairs of electrodes	Piezoelectric crystals,Electret	N/a	N/a	1
254	04.07.04	EN 60617-1996	Block	Electret with electrodes and connections	Piezoelectric crystals,Electret	N/a	N/a	1
255	04.08.01	EN 60617-1996	Block	Magnetostrictive delay line with windings	Delay Lines	N/a	N/a	1
256	04.08.02A	EN 60617-1996	Block	Magnetostrictive delay line with windings	Delay Lines	N/a	N/a	1
257	04.08.02B	EN 60617-1997	Block	Magnetostrictive delay line with windings	Delay Lines	N/a	N/a	1
258	04.08.02C	EN 60617-1998	Block	Magnetostrictive delay line with windings	Delay Lines	N/a	N/a	1
259	04.08.03	EN 60617-1996	Block	Coaxial delay line	Delay Lines	N/a	N/a	1

260	04.08.04	EN 60617-1996	Block	Solid material delay line with Piezoelectric transducers	Delay Lines	N/a	N/a	1
261	04.09.01	EN 60617-1996	Block	Delay line	Block Symbols,Delay Lines	N/a	N/a	1
262	04.09.02	EN 60617-1996	Block	Delay line,magnetostrictive	Block Symbols,Delay Lines	N/a	N/a	1
263	04.09.03	EN 60617-1996	Block	Coaxial delay line	Block Symbols,Delay Lines	N/a	N/a	1
264	04.09.04	EN 60617-1996	Block	Delay line,Mercury Type with piezoelectric transducers	Block Symbols,Delay Lines	N/a	N/a	1
265	04.09.05	EN 60617-1996	Block	Delay line,artificial line type	Block Symbols,Delay Lines	N/a	N/a	1
266	05.01.01	EN 60617-1996	Block	Semiconductor region with one ohmic connection	Symbol elements	N/a	N/a	1
267	05.01.02	EN 60617-1996	Block	Semiconductor region withmultiple ohmic connections	Symbol elements	N/a	N/a	1
268	05.01.03	EN 60617-1996	Block	Semiconductor region withmultiple ohmic connections	Symbol elements	N/a	N/a	1
269	05.01.04	EN 60617-1996	Block	Semiconductor region withmultiple ohmic connections	Symbol elements	N/a	N/a	1
270	05.01.05	EN 60617-1996	Block	Conduction channel for depletion devices	Symbol elements	N/a	N/a	1
271	05.01.06	EN 60617-1996	Block	Conduction channel for enhancement devices	Symbol elements	N/a	N/a	1
272	05.01.07	EN 60617-1996	Block	Rectifying Junction	Symbol elements	N/a	N/a	1
273	05.01.09	EN 60617-1996	Block	Junction influence(P-region on N-layer)	Symbol elements	N/a	N/a	1
274	05.01.10	EN 60617-1996	Block	Junction influence(N-region on P-layer)	Symbol elements	N/a	N/a	1
275	05.01.11	EN 60617-1996	Block	Conductivity type Indication	Symbol elements	N/a	N/a	1
276	05.01.12	EN 60617-1996	Block	Conductivity type Indication	Symbol elements	N/a	N/a	1
277	05.01.13	EN 60617-1996	Block	Insulated gate	Symbol elements	N/a	N/a	1
278	05.01.14	EN 60617-1996	Block	Single Emitter(P-Emitter on N-region)	Symbol elements	N/a	N/a	1
279	05.01.15	EN 60617-1996	Block	Multiple Emitters(P-Emitter on N-region)	Symbol elements	N/a	N/a	1
280	05.01.16	EN 60617-1996	Block	Single Emitter(N-Emitter on P-region)	Symbol elements	N/a	N/a	1
281	05.01.17	EN 60617-1996	Block	Multiple Emitters(N-Emitter on P-region)	Symbol elements	N/a	N/a	1
282	05.01.18	EN 60617-1996	Block	Single Collector	Symbol elements	N/a	N/a	1
283	05.01.19	EN 60617-1996	Block	Multiple Collectors	Symbol elements	N/a	N/a	1
284	05.01.20	EN 60617-1996	Block	Transistion between regions	Symbol elements	N/a	N/a	1
285	05.01.21	EN 60617-1996	Block	Intrinsic region(separating regions of dissimilar conductivity)	Symbol elements	N/a	N/a	1
286	05.01.22	EN 60617-1996	Block	Intrinsic region(separating regions of similar conductivity)	Symbol elements	N/a	N/a	1
287	05.01.23	EN 60617-1996	Block	Intrinsic region(Between collector and region of dissimilar conductivity)	Symbol elements	N/a	N/a	1
288	05.01.24	EN 60617-1996	Block	Intrinsic region(Between collector and region of similar conductivity)	Symbol elements	N/a	N/a	1
289	05.02.01	EN 60617-1996	Block	Schottky effect	Qualifying Symbols	N/a	N/a	1
290	05.02.02	EN 60617-1996	Block	Tunnel effect	Qualifying Symbols	N/a	N/a	1
291	05.02.03	EN 60617-1996	Block	Unidirectional breakdown effect	Qualifying Symbols	N/a	N/a	1
292	05.02.04	EN 60617-1996	Block	Bidirectional breakdown effect	Qualifying Symbols	N/a	N/a	1
293	05.02.05	EN 60617-1996	Block	Backward effect	Qualifying Symbols	N/a	N/a	1
294	05.03.01	EN 60617-1996	Block	Semiconductor diode	Semiconductor diode examples	N/a	N/a	1
295	05.03.02	EN 60617-1996	Block	Light emitting diode	Semiconductor diode examples	N/a	N/a	1
296	05.03.03	EN 60617-1996	Block	Temperature sensing diode	Semiconductor diode examples	N/a	N/a	1
297	05.03.04	EN 60617-1996	Block	Variable capacitance diode	Semiconductor diode examples	N/a	N/a	1
298	05.03.05	EN 60617-1996	Block	Tunnel diode	Semiconductor diode examples	N/a	N/a	1
299	05.03.06	EN 60617-1996	Block	Breakdown diode,unidirectional	Semiconductor diode examples	N/a	N/a	1
300	05.03.07	EN 60617-1996	Block	Breakdown diode,bidirectional	Semiconductor diode examples	N/a	N/a	1
301	05.03.08	EN 60617-1996	Block	Backward diode	Semiconductor diode examples	N/a	N/a	1
302	05.03.09	EN 60617-1996	Block	Bidirectional diode	Semiconductor diode examples	N/a	N/a	1
303	05.04.01	EN 60617-1996	Block	Reverse blocking diode thyristor	Thyristors	N/a	N/a	1
304	05.04.02	EN 60617-1996	Block	Reverse conducting diode thyristor	Thyristors	N/a	N/a	1
305	05.04.03	EN 60617-1996	Block	Bidirectional diode thyristor	Thyristors	N/a	N/a	1
306	05.04.04	EN 60617-1996	Block	Triode thyristor	Thyristors	N/a	N/a	1
307	05.04.05	EN 60617-1996	Block	Reverse blocking triode thyristor(N-gate)	Thyristors	N/a	N/a	1
308	05.04.06	EN 60617-1996	Block	Reverse blocking triode thyristor(P-gate)	Thyristors	N/a	N/a	1
309	05.04.07	EN 60617-1996	Block	Turn-off thyristor	Thyristors	N/a	N/a	1
310	05.04.08	EN 60617-1996	Block	Turn-off triode thyristor(N-gate)	Thyristors	N/a	N/a	1
311	05.04.09	EN 60617-1996	Block	Turn-off triode thyristor(P-gate)	Thyristors	N/a	N/a	1
312	05.04.10	EN 60617-1996	Block	Reverse blocking thyristor tetrode	Thyristors	N/a	N/a	1
313	05.04.11	EN 60617-1996	Block	Bidirectional triode thyristor	Thyristors	N/a	N/a	1
314	05.04.12	EN 60617-1996	Block	Reverse conducting triode thyristor	Thyristors	N/a	N/a	1
315	05.04.13	EN 60617-1996	Block	Reverse conducting triode thyristor(N-gate)	Thyristors	N/a	N/a	1
316	05.04.14	EN 60617-1996	Block	Reverse conducting triode thyristor(P-gate)	Thyristors	N/a	N/a	1
317	05.05.01	EN 60617-1996	Block	PNP transistor	Transistor	N/a	N/a	1
318	05.05.02	EN 60617-1996	Block	NPN transistor with collector	Transistor	N/a	N/a	1
319	05.05.03	EN 60617-1996	Block	NPN avalanche	Transistor	N/a	N/a	1
320	05.05.04	EN 60617-1996	Block	Unijunction transistor with P-type base	Transistor	N/a	N/a	1
321	05.05.05	EN 60617-1996	Block	Unijunction transistor with N-type base	Transistor	N/a	N/a	1
322	05.05.06	EN 60617-1996	Block	NPN transistor with transverse biased base	Transistor	N/a	N/a	1
323	05.05.07	EN 60617-1996	Block	PNIP transistor with ohmic connection to the intrinsic region	Transistor	N/a	N/a	1
324	05.05.08	EN 60617-1996	Block	PNIN transistor with ohmic connection to the intrinsic region	Transistor	N/a	N/a	1
325	05.05.09	EN 60617-1996	Block	Junction field effect transistor with N-type channel	Transistor	N/a	N/a	1
326	05.05.10	EN 60617-1996	Block	Junction field effect transistor with P-type channel	Transistor	N/a	N/a	1
327	05.05.11	EN 60617-1996	Block	Insulated gate field effect transistor (IGFET) enhancement type	Transistor	N/a	N/a	1
328	05.05.12	EN 60617-1996	Block	IGFET enhancement type,single gate,N-type channel without substrate connect	Transistor	N/a	N/a	1

329	05.05.13	EN 60617-1996	Block	IGFET enhancement type,single gate,P-type channel with substrate connection	Transistor	N/a	N/a	1
330	05.05.14	EN 60617-1996	Block	IGFET enhancement type,single gate,N-type channel with substrate internally	Transistor	N/a	N/a	1
331	05.05.15	EN 60617-1996	Block	IGFET depletion type,single gate,N-type channel without substrate connection	Transistor	N/a	N/a	1
332	05.05.16	EN 60617-1996	Block	IGFET depletion type,single gate,P-type channel without substrate connection	Transistor	N/a	N/a	1
333	05.05.17	EN 60617-1996	Block	IGFET depletion type with two gates,N-type channel with substrate connection	Transistor	N/a	N/a	1
334	05.05.18	EN 60617-1996	Block	Insulated-gate bipolar transistor enhancement(IGBT) type	Transistor	N/a	N/a	1
335	05.05.19	EN 60617-1996	Block	IGBT enhancement type,N channel	Transistor	N/a	N/a	1
336	05.05.20	EN 60617-1996	Block	IGBT depletion type,P channel	Transistor	N/a	N/a	1
337	05.05.21	EN 60617-1996	Block	IGBT depletion type,N channel	Transistor	N/a	N/a	1
338	05.06.01	EN 60617-1996	Block	Light dependent resistor	Photomagnetic sensitive	N/a	N/a	1
339	05.06.02	EN 60617-1996	Block	Photodiode	Photomagnetic sensitive	N/a	N/a	1
340	05.06.03	EN 60617-1996	Block	Photovoltaic cell	Photomagnetic sensitive	N/a	N/a	1
341	05.06.04	EN 60617-1996	Block	Phototransistor,PNP type	Photomagnetic sensitive	N/a	N/a	1
342	05.06.05	EN 60617-1996	Block	Hall generator with four connections	Photomagnetic sensitive	N/a	N/a	1
343	05.06.06	EN 60617-1996	Block	Magnetoresistor,Linear type	Photomagnetic sensitive	N/a	N/a	1
344	05.06.07	EN 60617-1996	Block	Magnetic coupling device	Photomagnetic sensitive	N/a	N/a	1
345	05.06.08	EN 60617-1996	Block	Optocoupler	Photomagnetic sensitive	N/a	N/a	1
346	05.06.09	EN 60617-1996	Block	Optical coupling device with slot for light barrier	Photomagnetic sensitive	N/a	N/a	1
347	05.07.01	EN 60617-1996	Block	Gas-filled envelope	Symbol elements,General	N/a	N/a	1
348	05.07.02	EN 60617-1996	Block	Envelope with external screen	Symbol elements,General	N/a	N/a	1
349	05.07.03	EN 60617-1996	Block	Conductive coating on internal surface of envelope	Symbol elements,General	N/a	N/a	1
350	05.07.04	EN 60617-1996	Block	Hot cathode,indirectly heated	Symbol elements,General	N/a	N/a	1
351	05.07.05	EN 60617-1996	Block	Hot cathode,indirectly heated	Symbol elements,General	N/a	N/a	1
352	05.07.06	EN 60617-1996	Block	Hot cathode,Directly heated	Symbol elements,General	N/a	N/a	1
353	05.07.07	EN 60617-1996	Block	Heater for hot cathode,Indirectly heated	Symbol elements,General	N/a	N/a	1
354	05.07.08	EN 60617-1996	Block	Photoelectric cathode	Symbol elements,General	N/a	N/a	1
355	05.07.09	EN 60617-1996	Block	Cold cathode	Symbol elements,General	N/a	N/a	1
356	05.07.10	EN 60617-1996	Block	Composite electrode serving as an anode and/or as cold cathode	Symbol elements,General	N/a	N/a	1
357	05.07.11	EN 60617-1996	Block	Anode	Symbol elements,General	N/a	N/a	1
358	05.07.12	EN 60617-1996	Block	Fluorescent target	Symbol elements,General	N/a	N/a	1
359	05.07.13	EN 60617-1996	Block	Grid	Symbol elements,General	N/a	N/a	1
360	05.07.14	EN 60617-1996	Block	Ion diffuser barrier	Symbol elements,General	N/a	N/a	1
361	05.08.01	EN 60617-1996	Block	Lateral deflecting electrodes,one pair of electrodes	Symbol elements,Cathodes	N/a	N/a	1
362	05.08.02	EN 60617-1996	Block	Lateral deflecting electrodes,one pair of electrodes	Symbol elements,Cathodes	N/a	N/a	1
363	05.08.03	EN 60617-1996	Block	Intensity modulating electrode	Symbol elements,Cathodes	N/a	N/a	1
364	05.08.04	EN 60617-1996	Block	Focusing electrode with aperture	Symbol elements,Cathodes	N/a	N/a	1
365	05.08.05	EN 60617-1996	Block	Beam-splitting electrode	Symbol elements,Cathodes	N/a	N/a	1
366	05.08.06	EN 60617-1996	Block	Cylindrical focusing electrode	Symbol elements,Cathodes	N/a	N/a	1
367	05.08.07	EN 60617-1996	Block	Cylindrical focusing electrode	Symbol elements,Cathodes	N/a	N/a	1
368	05.08.08	EN 60617-1996	Block	Multi-aperture electrode	Symbol elements,Cathodes	N/a	N/a	1
369	05.08.09	EN 60617-1996	Block	Quantizing electrode	Symbol elements,Cathodes	N/a	N/a	1
370	05.08.10	EN 60617-1996	Block	Radial deflecting electrodes	Symbol elements,Cathodes	N/a	N/a	1
371	05.08.11	EN 60617-1996	Block	Grid with secondary emission	Symbol elements,Cathodes	N/a	N/a	1
372	05.08.12	EN 60617-1996	Block	Anode with secondary emission,Dynode	Symbol elements,Cathodes	N/a	N/a	1
373	05.08.13	EN 60617-1996	Block	Photo-emissive electrode	Symbol elements,Cathodes	N/a	N/a	1
374	05.08.14	EN 60617-1996	Block	Storage electrode	Symbol elements,Cathodes	N/a	N/a	1
375	05.08.15	EN 60617-1996	Block	Photo-emissive storage electrode	Symbol elements,Cathodes	N/a	N/a	1
376	05.08.16	EN 60617-1996	Block	Storage electrode with secondary emission in the direction of the arrow	Symbol elements,Cathodes	N/a	N/a	1
377	05.08.17	EN 60617-1996	Block	Photo-conductive storage electrode	Symbol elements,Cathodes	N/a	N/a	1
378	05.09.01	EN 60617-1996	Block	Electron gun assembly	Symbol elements,Microwave Tubes	N/a	N/a	1
379	05.09.02	EN 60617-1996	Block	Reflector	Symbol elements,Microwave Tubes	N/a	N/a	1
380	05.09.03	EN 60617-1996	Block	Non-emitting sole for open slow-wave structure	Symbol elements,Microwave Tubes	N/a	N/a	1
381	05.09.04	EN 60617-1996	Block	Non-emitting sole for closed slow-wave structure	Symbol elements,Microwave Tubes	N/a	N/a	1
382	05.09.05	EN 60617-1996	Block	Emitting sole	Symbol elements,Microwave Tubes	N/a	N/a	1
383	05.09.06	EN 60617-1996	Block	Open slow wave structure	Symbol elements,Microwave Tubes	N/a	N/a	1
384	05.09.07	EN 60617-1996	Block	Single electrode for electrostatic focusing along open slow wave structure	Symbol elements,Microwave Tubes	N/a	N/a	1
385	05.09.08	EN 60617-1996	Block	Closed slow wave structure,shown with envelope	Symbol elements,Microwave Tubes	N/a	N/a	1
386	05.09.09	EN 60617-1996	Block	Cavity resonator forming an integral part of the tube	Symbol elements,Microwave Tubes	N/a	N/a	1
387	05.09.10	EN 60617-1996	Block	Cavity resonator,partly or wholly external to the tube	Symbol elements,Microwave Tubes	N/a	N/a	1
388	05.09.11	EN 60617-1996	Block	Permanent magnet producing transverse field	Symbol elements,Microwave Tubes	N/a	N/a	1
389	05.09.12	EN 60617-1996	Block	Electro magnet producing transverse field	Symbol elements,Microwave Tubes	N/a	N/a	1
390	05.09.13	EN 60617-1996	Block	Tetrapole	Symbol elements,Microwave Tubes	N/a	N/a	1
391	05.09.14	EN 60617-1996	Block	Tetrapole with loop coupler	Symbol elements,Microwave Tubes	N/a	N/a	1
392	05.09.15	EN 60617-1996	Block	Slow wave coupler	Symbol elements,Microwave Tubes	N/a	N/a	1
393	05.09.16	EN 60617-1996	Block	Helical coupler	Symbol elements,Microwave Tubes	N/a	N/a	1
394	05.10.01	EN 60617-1996	Block	X-ray tube anode	Symbol elements,Mercury art Rectifiers	N/a	N/a	1
395	05.10.02	EN 60617-1996	Block	Starting electrode	Symbol elements,Mercury art Rectifiers	N/a	N/a	1
396	05.10.03	EN 60617-1996	Block	Pool cathode,shown with an envelope	Symbol elements,Mercury art Rectifiers	N/a	N/a	1
397	05.10.04	EN 60617-1996	Block	Insulated pool cathode,shown within an envelope	Symbol elements,Mercury art Rectifiers	N/a	N/a	1

398	05.11.01	EN 60617-1996	Block	Triode, with directly heated cathode	Electronic Tubes	N/a	N/a	1
399	05.11.02	EN 60617-1996	Block	Thyratron	Electronic Tubes	N/a	N/a	1
400	05.11.03	EN 60617-1996	Block	Pentode	Electronic Tubes	N/a	N/a	1
401	05.11.04	EN 60617-1996	Block	Triode hexode	Electronic Tubes	N/a	N/a	1
402	05.11.05	EN 60617-1996	Block	Tuning indicator(magic eye) with indirectly heated cathode	Electronic Tubes	N/a	N/a	1
403	05.12.01	EN 60617-1996	Block	Cathode-ray tube with electromagnetic deviation	Cathode Ray Tubes	N/a	N/a	1
404	05.12.02	EN 60617-1996	Block	Double-beam cathode-ray tube	Cathode Ray Tubes	N/a	N/a	1
405	05.13.01	EN 60617-1996	Block	Reflex Klystron	Microwave Tubes	N/a	N/a	1
406	05.13.02	EN 60617-1996	Block	Reflex Klystron	Microwave Tubes	N/a	N/a	1
407	05.13.03	EN 60617-1996	Block	Reflex Klystron	Microwave Tubes	N/a	N/a	1
408	05.13.04	EN 60617-1996	Block	Reflex Klystron	Microwave Tubes	N/a	N/a	1
409	05.13.05	EN 60617-1996	Block	O-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
410	05.13.06	EN 60617-1996	Block	O-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
411	05.13.07	EN 60617-1996	Block	O-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
412	05.13.08	EN 60617-1996	Block	O-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
413	05.13.09	EN 60617-1996	Block	M-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
414	05.13.10	EN 60617-1996	Block	M-type forward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
415	05.13.11	EN 60617-1996	Block	M-type backward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
416	05.13.12	EN 60617-1996	Block	M-type backward travelling wave amplifier tube	Microwave Tubes	N/a	N/a	1
417	05.13.13	EN 60617-1996	Block	M-type backward travelling wave oscillator tube	Microwave Tubes	N/a	N/a	1
418	05.13.14	EN 60617-1996	Block	M-type backward travelling wave oscillator tube	Microwave Tubes	N/a	N/a	1
419	05.13.15	EN 60617-1996	Block	Magnetron oscillator tube	Microwave Tubes	N/a	N/a	1
420	05.13.16	EN 60617-1996	Block	Magnetron oscillator tube	Microwave Tubes	N/a	N/a	1
421	05.13.17	EN 60617-1996	Block	Backward travelling wave oscillator tube	Microwave Tubes	N/a	N/a	1
422	05.13.18	EN 60617-1996	Block	Backward travelling wave oscillator tube	Microwave Tubes	N/a	N/a	1
423	05.14.01	EN 60617-1996	Block	Cold-cathode tube	Miscellaneous Tubes	N/a	N/a	1
424	05.14.02	EN 60617-1996	Block	Voltage stabilizer	Miscellaneous Tubes	N/a	N/a	1
425	05.14.03	EN 60617-1996	Block	Trigger tube with ionically heated cathode and supplementary heating	Miscellaneous Tubes	N/a	N/a	1
426	05.14.04	EN 60617-1996	Block	Cold-cathode gas filled tube	Miscellaneous Tubes	N/a	N/a	1
427	05.14.05	EN 60617-1996	Block	Character display tube	Miscellaneous Tubes	N/a	N/a	1
428	05.14.06	EN 60617-1996	Block	Counting tube	Miscellaneous Tubes	N/a	N/a	1
429	05.14.07	EN 60617-1996	Block	Counting tube	Miscellaneous Tubes	N/a	N/a	1
430	05.14.08	EN 60617-1996	Block	X-ray tube with directly heated cathode	Miscellaneous Tubes	N/a	N/a	1
431	05.14.09	EN 60617-1996	Block	Phototube	Miscellaneous Tubes	N/a	N/a	1
432	05.14.10	EN 60617-1996	Block	Ignitron	Miscellaneous Tubes	N/a	N/a	1
433	05.14.11	EN 60617-1996	Block	Rectifier with six main anodes and with an ignitor and excitation anode	Miscellaneous Tubes	N/a	N/a	1
434	05.14.12	EN 60617-1996	Block	Transmit/rectieve tube	Miscellaneous Tubes	N/a	N/a	1
435	05.15.01	EN 60617-1996	Block	Ionization chamber	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
436	05.15.02	EN 60617-1996	Block	Ionization chamber with grid	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
437	05.15.03	EN 60617-1996	Block	Ionization chamber with guard ring	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
438	05.15.04	EN 60617-1996	Block	Ionization chamber, compensated type	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
439	05.15.05	EN 60617-1996	Block	Detector, semiconductor type	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
440	05.15.06	EN 60617-1996	Block	Scintillator detector	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
441	05.15.07	EN 60617-1996	Block	Cerenkov detector	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
442	05.15.08	EN 60617-1996	Block	Thermoluminescence detector	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
443	05.15.09	EN 60617-1996	Block	Faraday cup	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
444	05.15.10	EN 60617-1996	Block	Counter tube	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
445	05.15.11	EN 60617-1996	Block	Counter tube with guard ring	Radiation Detectors and Electrochemical Devices	N/a	N/a	1
446	05.16.01	EN 60617-1996	Block	coulomb accumulator	Electrochemical Devices	N/a	N/a	1
447	05.16.02	EN 60617-1996	Block	Solion diode	Electrochemical Devices	N/a	N/a	1
448	05.16.03	EN 60617-1996	Block	Solion tetrode	Electrochemical Devices	N/a	N/a	1
449	05.16.04	EN 60617-1996	Block	Conductivity cell	Electrochemical Devices	N/a	N/a	1
450	06.01.01	EN 60617-1996	Block	One winding	Separate Windings	N/a	N/a	1
451	06.01.02	EN 60617-1996	Block	Three separate windings	Separate Windings	N/a	N/a	1
452	06.01.03	EN 60617-1996	Block	Six separate windings	Separate Windings	N/a	N/a	1
453	06.01.04	EN 60617-1996	Block	Three-phase winding, phases not interconnected	Separate Windings	N/a	N/a	1
454	06.01.05	EN 60617-1996	Block	m-phase winding, phases not interconnected	Separate Windings	N/a	N/a	1
455	06.01.06	EN 60617-1996	Block	Two-phase winding, four-wire	Separate Windings	N/a	N/a	1
456	06.02.01	EN 60617-1996	Block	Two-phase winding	Internally Connected Windings	N/a	N/a	1
457	06.02.02	EN 60617-1996	Block	Three-phase winding, V (60°)	Internally Connected Windings	N/a	N/a	1
458	06.02.03	EN 60617-1996	Block	Four-phase winding with neutral brought out	Internally Connected Windings	N/a	N/a	1
459	06.02.04	EN 60617-1996	Block	Three-phase winding, T	Internally Connected Windings	N/a	N/a	1
460	06.02.05	EN 60617-1996	Block	Three-phase winding, delta	Internally Connected Windings	N/a	N/a	1
461	06.02.06	EN 60617-1996	Block	Three-phase winding, open delta	Internally Connected Windings	N/a	N/a	1
462	06.02.07	EN 60617-1996	Block	Three-phase winding, star	Internally Connected Windings	N/a	N/a	1
463	06.02.08	EN 60617-1996	Block	Three-phase winding, star, with neutral brought out	Internally Connected Windings	N/a	N/a	1
464	06.02.09	EN 60617-1996	Block	Three-phase winding, zigzag or interconnected star	Internally Connected Windings	N/a	N/a	1
465	06.02.10	EN 60617-1996	Block	Six-phase winding, double delta	Internally Connected Windings	N/a	N/a	1
466	06.02.11	EN 60617-1996	Block	Six-phase winding, polygon	Internally Connected Windings	N/a	N/a	1

467	06.02.12	EN 60617-1996	Block	Six-phase winding, star	Internally Connected Windings	N/a	N/a	1
468	06.02.13	EN 60617-1996	Block	Six-phase winding, fork with neutral brought out	Internally Connected Windings	N/a	N/a	1
469	06.03.01	EN 60617-1996	Block	Commutating or compensating winding	Machine Elements	N/a	N/a	1
470	06.03.02	EN 60617-1996	Block	Series winding	Machine Elements	N/a	N/a	1
471	06.03.03	EN 60617-1996	Block	Shunt winding or separate winding	Machine Elements	N/a	N/a	1
472	06.03.04	EN 60617-1996	Block	Brush (on slip-ring or commutator)	Machine Elements	N/a	N/a	1
473	06.04.01	EN 60617-1996	Block	Machine, general symbol	Machine Types	N/a	N/a	1
474	06.04.02	EN 60617-1996	Block	Linear motor, general symbol	Machine Types	N/a	N/a	1
475	06.04.03	EN 60617-1996	Block	Stepping motor, general symbol	Machine Types	N/a	N/a	1
476	06.04.04	EN 60617-1996	Block	Hand-generator (magneto caller)	Machine Types	N/a	N/a	1
477	06.05.01	EN 60617-1996	Block	Series motor, DC	DC machines	N/a	N/a	1
478	06.05.02	EN 60617-1996	Block	Shunt motor, DC	DC machines	N/a	N/a	1
479	06.05.03	EN 60617-1996	Block	Generator, DC, compound excited (short shunt), shown with terminals and brush	DC machines	N/a	N/a	1
480	06.05.04	EN 60617-1996	Block	Rotary converter, DC/DC with common permanent magnet field	DC machines	N/a	N/a	1
481	06.05.05	EN 60617-1996	Block	Rotary converter, DC/DC with common excitation winding	DC machines	N/a	N/a	1
482	06.06.01	EN 60617-1996	Block	Series motor, single-phase	AC Machines	N/a	N/a	1
483	06.06.02	EN 60617-1996	Block	Repulsion motor, single-phase	AC Machines	N/a	N/a	1
484	06.06.03	EN 60617-1996	Block	Series motor, three-phase	AC Machines	N/a	N/a	1
485	06.07.01	EN 60617-1996	Block	Synchronous generator, three-phase with permanent magnet	Synchronous Machines	N/a	N/a	1
486	06.07.02	EN 60617-1996	Block	Synchronous motor, single-phase	Synchronous Machines	N/a	N/a	1
487	06.07.03	EN 60617-1996	Block	Synchronous generator, three-phase, star connected, neutral brought out	Synchronous Machines	N/a	N/a	1
488	06.07.04	EN 60617-1996	Block	Synchronous generator, three-phase, both ends of each phase winding brought out	Synchronous Machines	N/a	N/a	1
489	06.07.05	EN 60617-1996	Block	Synchronous rotary converter, three-phase, shunt- excited	Synchronous Machines	N/a	N/a	1
490	06.08.01	EN 60617-1996	Block	Induction motor, three-phase, squirrel-cage	Induction type(Asynchronous) machines	N/a	N/a	1
491	06.08.02	EN 60617-1996	Block	Induction motor, single-phase, squirrel-cage, ends of split-phase winding brought out	Induction type(Asynchronous) machines	N/a	N/a	1
492	06.08.03	EN 60617-1996	Block	Induction motor, three-phase, with wound rotor	Induction type(Asynchronous) machines	N/a	N/a	1
493	06.08.04	EN 60617-1996	Block	Induction motor, three-phase, star-connected, with built-in automatic starter	Induction type(Asynchronous) machines	N/a	N/a	1
494	06.08.05	EN 60617-1996	Block	Linear induction motor, three-phase, movement only in one direction	Induction type(Asynchronous) machines	N/a	N/a	1
495	06.09.01	EN 60617-1996	Block	Transformer with two windings	Transformers and Reactors	N/a	N/a	1
496	06.09.02	EN 60617-1996	Block	The instantaneous voltage polarities may be indicated in form 2 of the symbol.	Transformers and Reactors	N/a	N/a	1
497	06.09.03	EN 60617-1996	Block	Transformer with two windings, shown with instantaneous voltage polarity indicated	Transformers and Reactors	N/a	N/a	1
498	06.09.04	EN 60617-1996	Block	Transformer with three windings	Transformers and Reactors	N/a	N/a	1
499	06.09.05	EN 60617-1996	Block	Transformer with three windings	Transformers and Reactors	N/a	N/a	1
500	06.09.06	EN 60617-1996	Block	Auto-transformer	Transformers and Reactors	N/a	N/a	1
501	06.09.07	EN 60617-1996	Block	Auto-transformer	Transformers and Reactors	N/a	N/a	1
502	06.09.08	EN 60617-1996	Block	Choke, Reactor	Transformers and Reactors	N/a	N/a	1
503	06.09.09	EN 60617-1996	Block	Choke, Reactor	Transformers and Reactors	N/a	N/a	1
504	06.09.10	EN 60617-1996	Block	Current transformer, Pulse transformer	Transformers and Reactors	N/a	N/a	1
505	06.09.11	EN 60617-1996	Block	Current transformer, Pulse transformer	Transformers and Reactors	N/a	N/a	1
506	06.10.01	EN 60617-1996	Block	Single-phase transformer with two windings and screen	Transformers with separate windings	N/a	N/a	1
507	06.10.02	EN 60617-1996	Block	Single-phase transformer with two windings and screen	Transformers with separate windings	N/a	N/a	1
508	06.10.03	EN 60617-1996	Block	Transformer with centre tapping on one winding	Transformers with separate windings	N/a	N/a	1
509	06.10.04	EN 60617-1996	Block	Transformer with centre tapping on one winding	Transformers with separate windings	N/a	N/a	1
510	06.10.05	EN 60617-1996	Block	Transformer with variable coupling	Transformers with separate windings	N/a	N/a	1
511	06.10.06	EN 60617-1996	Block	Transformer with variable coupling	Transformers with separate windings	N/a	N/a	1
512	06.10.07	EN 60617-1996	Block	Three-phase transformer, connection star-delta	Transformers with separate windings	N/a	N/a	1
513	06.10.08	EN 60617-1996	Block	Three-phase transformer, connection star-delta	Transformers with separate windings	N/a	N/a	1
514	06.10.09	EN 60617-1996	Block	Three-phase transformer with four tappings (taps), connection; star-star	Transformers with separate windings	N/a	N/a	1
515	06.10.10	EN 60617-1996	Block	Three-phase transformer with four tappings (taps), connection; star-star	Transformers with separate windings	N/a	N/a	1
516	06.10.11	EN 60617-1996	Block	Three-phase bank of single-phase transformers, connection star-delta	Transformers with separate windings	N/a	N/a	1
517	06.10.12	EN 60617-1996	Block	Three-phase bank of single-phase transformers, connection star-delta	Transformers with separate windings	N/a	N/a	1
518	06.10.13	EN 60617-1996	Block	Three-phase transformer with on-load tap changer, connection star-delta	Transformers with separate windings	N/a	N/a	1
519	06.10.14	EN 60617-1996	Block	Three-phase transformer with on-load tap changer, connection star-delta	Transformers with separate windings	N/a	N/a	1
520	06.10.15	EN 60617-1996	Block	Three-phase transformer, connection star-zigzag with the neutral brought out	Transformers with separate windings	N/a	N/a	1
521	06.10.16	EN 60617-1996	Block	Three-phase transformer, connection star-zigzag with the neutral brought out	Transformers with separate windings	N/a	N/a	1
522	06.10.17	EN 60617-1996	Block	Three-phase transformer, connection star-star-delta	Transformers with separate windings	N/a	N/a	1
523	06.10.18	EN 60617-1996	Block	Three-phase transformer, connection star-star-delta	Transformers with separate windings	N/a	N/a	1
524	06.11.01	EN 60617-1996	Block	Auto-transformer, single-phase	Auto transformers	N/a	N/a	1
525	06.11.02	EN 60617-1996	Block	Auto-transformer, single-phase	Auto transformers	N/a	N/a	1
526	06.11.03	EN 60617-1996	Block	Auto-transformer, three-phase, connection star	Auto transformers	N/a	N/a	1
527	06.11.04	EN 60617-1996	Block	Auto-transformer, three-phase, connection star	Auto transformers	N/a	N/a	1
528	06.11.05	EN 60617-1996	Block	Auto-transformer, single-phase with voltage regulation	Auto transformers	N/a	N/a	1
529	06.11.06	EN 60617-1996	Block	Auto-transformer, single-phase with voltage regulation	Auto transformers	N/a	N/a	1
530	06.12.01	EN 60617-1996	Block	Three-phase induction regulator	Induction Regulators	N/a	N/a	1
531	06.12.02	EN 60617-1996	Block	Three-phase induction regulator	Induction Regulators	N/a	N/a	1
532	06.13.01A	EN 60617-1996	Block	Voltage transformer	Transformers	N/a	N/a	1
533	06.13.01B	EN 60617-1996	Block	Voltage transformer	Transformers	N/a	N/a	1
534	06.13.02	EN 60617-1996	Block	Current transformer with two cores with one secondary winding on each core	Transformers	N/a	N/a	1
535	06.13.03	EN 60617-1996	Block	Current transformer with two cores with one secondary winding on each core	Transformers	N/a	N/a	1

536	06.13.04	EN 60617-1996	Block	Current transformer with two secondary windings on one core	Transformers	N/a	N/a	1
537	06.13.05	EN 60617-1996	Block	Current transformer with two secondary windings on one core	Transformers	N/a	N/a	1
538	06.13.06	EN 60617-1996	Block	Current transformer with one secondary winding with one tapping	Transformers	N/a	N/a	1
539	06.13.07	EN 60617-1996	Block	Current transformer with one secondary winding with one tapping	Transformers	N/a	N/a	1
540	06.13.08	EN 60617-1996	Block	Current transformer with five passages of a conductor acting as a primary winding	Transformers	N/a	N/a	1
541	06.13.09	EN 60617-1996	Block	Current transformer with five passages of a conductor acting as a primary winding	Transformers	N/a	N/a	1
542	06.13.10	EN 60617-1996	Block	Pulse or current transformer with three threaded primary conductors	Transformers	N/a	N/a	1
543	06.13.11	EN 60617-1996	Block	Pulse or current transformer with three threaded primary conductors	Transformers	N/a	N/a	1
544	06.13.12	EN 60617-1996	Block	Pulse or current transformer with two secondary windings on the same core and	Transformers	N/a	N/a	1
545	06.13.13	EN 60617-1996	Block	Pulse or current transformer with two secondary windings on the same core and	Transformers	N/a	N/a	1
546	06.14.01	EN 60617-1996	Block	Converter, general symbol	Power Converters	N/a	N/a	1
547	06.14.02	EN 60617-1996	Block	DC/DC converter	Power Converters	N/a	N/a	1
548	06.14.03	EN 60617-1996	Block	Rectifier	Power Converters	N/a	N/a	1
549	06.14.04	EN 60617-1996	Block	Rectifier in full wave (bridge) connection	Power Converters	N/a	N/a	1
550	06.14.05	EN 60617-1996	Block	Inverter	Power Converters	N/a	N/a	1
551	06.14.06	EN 60617-1996	Block	Rectifier/inverter	Power Converters	N/a	N/a	1
552	06.15.01	EN 60617-1996	Block	Battery of primary or secondary cells	Primary and Secondary Cells	N/a	N/a	1
553	06.16.01	EN 60617-1996	Block	Generator, general symbol	Primary and Secondary Cells	N/a	N/a	1
554	06.17.01	EN 60617-1996	Block	Heat source, general symbol	Heat sources	N/a	N/a	1
555	06.17.02	EN 60617-1996	Block	Radio-isotope heat source	Heat sources	N/a	N/a	1
556	06.17.03	EN 60617-1996	Block	Combustion heat source	Heat sources	N/a	N/a	1
557	06.18.01	EN 60617-1996	Block	Thermoelectric generator, with combustion heat source	Power Generators	N/a	N/a	1
558	06.18.02	EN 60617-1996	Block	Thermoelectric generator with non-ionizing radiation heat source	Power Generators	N/a	N/a	1
559	06.18.03	EN 60617-1996	Block	Thermoelectric generator with radio-isotope heat source	Power Generators	N/a	N/a	1
560	06.18.04	EN 60617-1996	Block	Thermionic diode generator with non-ionizing radiation heat source	Power Generators	N/a	N/a	1
561	06.18.05	EN 60617-1996	Block	Thermionic diode generator with radio-isotope heat source	Power Generators	N/a	N/a	1
562	06.18.06	EN 60617-1996	Block	Photovoltaic generator	Power Generators	N/a	N/a	1
563	06.19.01	EN 60617-1996	Block	Closed-loop controller	Closed loop Controller	N/a	N/a	1
564	07.01.01	EN 60617-1996	Block	Contact function	Qualifying symbols	N/a	N/a	1
565	07.01.02	EN 60617-1996	Block	Circuit breaker function	Qualifying symbols	N/a	N/a	1
566	07.01.03	EN 60617-1996	Block	Disconnecter (isolator) function	Qualifying symbols	N/a	N/a	1
567	07.01.04	EN 60617-1996	Block	Switch-disconnector (isolating-switch) function	Qualifying symbols	N/a	N/a	1
568	07.01.05	EN 60617-1996	Block	Automatic tripping function initiated by a built-in measuring relay or release	Qualifying symbols	N/a	N/a	1
569	07.01.06	EN 60617-1996	Block	Position switch function	Qualifying symbols	N/a	N/a	1
570	07.01.07	EN 60617-1996	Block	Automatic return function	Qualifying symbols	N/a	N/a	1
571	07.01.08	EN 60617-1996	Block	Non-automatic return (stay put) function	Qualifying symbols	N/a	N/a	1
572	07.01.09	EN 60617-1996	Block	Positive operation of a switch	Qualifying symbols	N/a	N/a	1
573	07.02.01	EN 60617-1996	Block	Make contact	Contacts	N/a	N/a	1
574	07.02.02	EN 60617-1996	Block	Make contact	Contacts	N/a	N/a	1
575	07.02.03	EN 60617-1996	Block	Break contact	Contacts	N/a	N/a	1
576	07.02.04	EN 60617-1996	Block	Change-over break before make contact	Contacts	N/a	N/a	1
577	07.02.05	EN 60617-1996	Block	Change-over contact with off-position in the centre	Contacts	N/a	N/a	1
578	07.02.06	EN 60617-1996	Block	Change-over make before break contact	Contacts	N/a	N/a	1
579	07.02.07	EN 60617-1996	Block	Change-over make before break contact	Contacts	N/a	N/a	1
580	07.02.08	EN 60617-1996	Block	Contact with two makes	Contacts	N/a	N/a	1
581	07.02.09	EN 60617-1996	Block	Contact with two breaks	Contacts	N/a	N/a	1
582	07.03.01	EN 60617-1996	Block	Passing make contact closing momentarily when its operating device is actuated	Passing contacts with two positions	N/a	N/a	1
583	07.03.02	EN 60617-1996	Block	Passing make contact closing momentarily when its operating device is released	Passing contacts with two positions	N/a	N/a	1
584	07.03.03	EN 60617-1996	Block	Passing make contact closing momentarily when its operating device is actuated	Passing contacts with two positions	N/a	N/a	1
585	07.04.01	EN 60617-1996	Block	Make contact	Early and late operating contacts	N/a	N/a	1
586	07.04.02	EN 60617-1996	Block	Make contact	Early and late operating contacts	N/a	N/a	1
587	07.04.03	EN 60617-1996	Block	Break contact	Early and late operating contacts	N/a	N/a	1
588	07.04.04	EN 60617-1996	Block	Break contact	Early and late operating contacts	N/a	N/a	1
589	07.05.01	EN 60617-1996	Block	Make contact, delayed when the device containing the contact is being activated	Contacts with delayed operation	N/a	N/a	1
590	07.05.02	EN 60617-1996	Block	Make contact, delayed when the device containing the contact is being de-activated	Contacts with delayed operation	N/a	N/a	1
591	07.05.03	EN 60617-1996	Block	Break contact, delayed when the device containing the contact is being activated	Contacts with delayed operation	N/a	N/a	1
592	07.05.04	EN 60617-1996	Block	Break contact, delayed when the device containing the contact is being de-activated	Contacts with delayed operation	N/a	N/a	1
593	07.05.05	EN 60617-1996	Block	Make contact	Contacts with delayed operation	N/a	N/a	1
594	07.05.06	EN 60617-1996	Block	Contact assembly with one make contact not delayed	Contacts with delayed operation	N/a	N/a	1
595	07.06.01	EN 60617-1996	Block	Make contact with automatic return	Automatic return and non-automatic return contact	N/a	N/a	1
596	07.06.02	EN 60617-1996	Block	Make contact with automatic return, Stay put make contact	Automatic return and non-automatic return contact	N/a	N/a	1
597	07.06.03	EN 60617-1996	Block	Break contact with automatic return	Automatic return and non-automatic return contact	N/a	N/a	1
598	07.06.04	EN 60617-1996	Block	Two-way contact with off-position in the centre and automatic return from one position	Automatic return and non-automatic return contact	N/a	N/a	1
599	07.07.01	EN 60617-1996	Block	Manually operated switch, general symbol	Single-Pole Switches	N/a	N/a	1
600	07.07.02	EN 60617-1996	Block	Push-button switch make contact and automatic return	Single-Pole Switches	N/a	N/a	1
601	07.07.03	EN 60617-1996	Block	Pull-switch with make contact and automatic return	Single-Pole Switches	N/a	N/a	1
602	07.07.04	EN 60617-1996	Block	Turn-switch with make contact without automatic return	Single-Pole Switches	N/a	N/a	1
603	07.07.05	EN 60617-1996	Block	Push-button switch with positive operation of the make contact	Single-Pole Switches	N/a	N/a	1
604	07.07.06	EN 60617-1996	Block	Emergency stop switch	Single-Pole Switches	N/a	N/a	1

605	07.08.01	EN 60617-1996	Block	Position switch, make contact	Position Switches	N/a	N/a	1
606	07.08.02	EN 60617-1996	Block	Position switch, break contact	Position Switches	N/a	N/a	1
607	07.08.03	EN 60617-1996	Block	Position switch, mechanically operated in both directions with two separate circuits	Position Switches	N/a	N/a	1
608	07.08.04	EN 60617-1996	Block	Position switch with positive opening operation of the break contact	Position Switches	N/a	N/a	1
609	07.09.01	EN 60617-1996	Block	Temperature sensitive switch, make contact	Temperature Sensitive Switches	N/a	N/a	1
610	07.09.02	EN 60617-1996	Block	Temperature sensitive switch, break contact	Temperature Sensitive Switches	N/a	N/a	1
611	07.09.03	EN 60617-1996	Block	Self-operating thermal switch	Temperature Sensitive Switches	N/a	N/a	1
612	07.09.04	EN 60617-1996	Block	Gas discharge tube with thermal element, Starter for fluorescent lamp	Temperature Sensitive Switches	N/a	N/a	1
613	07.11.01	EN 60617-1996	Block	Lever-operated switch, three positions	Multi-Position Switches	N/a	N/a	1
614	07.11.02	EN 60617-1996	Block	Button-operated switch	Multi-Position Switches	N/a	N/a	1
615	07.11.03	EN 60617-1996	Block	Button-operated switch	Multi-Position Switches	N/a	N/a	1
616	07.11.04	EN 60617-1996	Block	Multi-position switch	Multi-Position Switches	N/a	N/a	1
617	07.11.05	EN 60617-1996	Block	Multi-position switch	Multi-Position Switches	N/a	N/a	1
618	07.11.06	EN 60617-1996	Block	Multi-position switch with Position	Multi-Position Switches	N/a	N/a	1
619	07.11.07	EN 60617-1996	Block	Four-position switch, manually operated, with four independent circuits	Multi-Position Switches	N/a	N/a	1
620	07.11.08	EN 60617-1996	Block	Single-pole, four-position switch	Multi-Position Switches	N/a	N/a	1
621	07.11.09	EN 60617-1996	Block	Single-pole six-position switch	Multi-Position Switches	N/a	N/a	1
622	07.11.10	EN 60617-1996	Block	Single-pole rotary multi-position switch	Multi-Position Switches	N/a	N/a	1
623	07.11.11	EN 60617-1996	Block	Multi-position switch	Multi-Position Switches	N/a	N/a	1
624	07.11.12	EN 60617-1996	Block	Single-pole multi-position switch for cumulative parallel switching	Multi-Position Switches	N/a	N/a	1
625	07.11.13	EN 60617-1996	Block	One pole of a six-position multi-pole switch	Multi-Position Switches	N/a	N/a	1
626	07.12.01	EN 60617-1996	Block	Complex switch, general symbol	Complex Switches	N/a	N/a	1
627	07.12.02	EN 60617-1996	Block	18-position rotary wafer switch with six terminals	Complex Switches	N/a	N/a	1
628	07.12.03	EN 60617-1996	Block	Six-position rotary drum switch with 5 terminals	Complex Switches	N/a	N/a	1
629	07.13.01	EN 60617-1996	Block	Switch	Power Switching Devices	N/a	N/a	1
630	07.13.02	EN 60617-1996	Block	Contact	Power Switching Devices	N/a	N/a	1
631	07.13.03	EN 60617-1996	Block	Contact with automatic tripping initiated by a built-in measuring relay or release	Power Switching Devices	N/a	N/a	1
632	07.13.04	EN 60617-1996	Block	Contact	Power Switching Devices	N/a	N/a	1
633	07.13.05	EN 60617-1996	Block	Circuit breaker	Power Switching Devices	N/a	N/a	1
634	07.13.06	EN 60617-1996	Block	Disconnect (isolator)	Power Switching Devices	N/a	N/a	1
635	07.13.07	EN 60617-1996	Block	Two-way disconnect (isolator) with off-position in the centre	Power Switching Devices	N/a	N/a	1
636	07.13.08	EN 60617-1996	Block	Switch-disconnector (on-load isolating switch)	Power Switching Devices	N/a	N/a	1
637	07.13.09	EN 60617-1996	Block	Switch-disconnector with automatic tripping initiated by a built-in measuring relay	Power Switching Devices	N/a	N/a	1
638	07.13.10	EN 60617-1996	Block	Disconnect (isolator) with blocking device, manually operated	Power Switching Devices	N/a	N/a	1
639	07.13.11	EN 60617-1996	Block	Trip-free mechanism	Power Switching Devices	N/a	N/a	1
640	07.13.12	EN 60617-1996	Block	Three-pole mechanical switching device	Power Switching Devices	N/a	N/a	1
641	07.13.13	EN 60617-1996	Block	Three-pole mechanical switching device operated by motor with a spring storage	Power Switching Devices	N/a	N/a	1
642	07.13.14	EN 60617-1996	Block	Switch with positive opening operation of the three main break contacts and the	Power Switching Devices	N/a	N/a	1
643	07.14.01	EN 60617-1996	Block	Motor starter	Motor Starters	N/a	N/a	1
644	07.14.02	EN 60617-1996	Block	Starter operating in steps	Motor Starters	N/a	N/a	1
645	07.14.03	EN 60617-1996	Block	Starter-regulator	Motor Starters	N/a	N/a	1
646	07.14.05	EN 60617-1996	Block	Direct-on-line starter with contactor for reversing the rotation of a motor	Motor Starters	N/a	N/a	1
647	07.14.06	EN 60617-1996	Block	Star-delta starter	Motor Starters	N/a	N/a	1
648	07.14.07	EN 60617-1996	Block	Starter with auto-transformer	Motor Starters	N/a	N/a	1
649	07.14.08	EN 60617-1996	Block	Starter-regulator with thyristors	Motor Starters	N/a	N/a	1
650	07.15.01	EN 60617-1996	Block	Operating device	Operating devices	N/a	N/a	1
651	07.15.02	EN 60617-1996	Block	Operating device	Operating devices	N/a	N/a	1
652	07.15.03	EN 60617-1996	Block	Operating device with two separate windings, attached representation	Operating devices	N/a	N/a	1
653	07.15.04	EN 60617-1996	Block	Operating device with two separate windings, attached representation	Operating devices	N/a	N/a	1
654	07.15.05	EN 60617-1996	Block	Operating device with two separate windings, detached representation	Operating devices	N/a	N/a	1
655	07.15.06	EN 60617-1996	Block	Operating device with two separate windings, detached representation	Operating devices	N/a	N/a	1
656	07.15.07	EN 60617-1996	Block	Relay coil of a slow-releasing relay	Operating devices	N/a	N/a	1
657	07.15.08	EN 60617-1996	Block	Relay coil of a slow-operating relay	Operating devices	N/a	N/a	1
658	07.15.09	EN 60617-1996	Block	Relay coil of a slow-operating and slow-releasing relay	Operating devices	N/a	N/a	1
659	07.15.10	EN 60617-1996	Block	Relay coil of a high speed relay	Operating devices	N/a	N/a	1
660	07.15.11	EN 60617-1996	Block	Relay coil of a relay unaffected by alternating current	Operating devices	N/a	N/a	1
661	07.15.12	EN 60617-1996	Block	Relay coil of an alternating current relay	Operating devices	N/a	N/a	1
662	07.15.13	EN 60617-1996	Block	Relay coil of a mechanically resonant relay	Operating devices	N/a	N/a	1
663	07.15.14	EN 60617-1996	Block	Relay coil of a mechanically latched relay	Operating devices	N/a	N/a	1
664	07.15.15	EN 60617-1996	Block	Relay coil of a polarized relay	Operating devices	N/a	N/a	1
665	07.15.16	EN 60617-1996	Block	Polarized relay, self restoring	Operating devices	N/a	N/a	1
666	07.15.17	EN 60617-1996	Block	Polarized relay with neutral position	Operating devices	N/a	N/a	1
667	07.15.18	EN 60617-1996	Block	Polarized relay with two stable positions	Operating devices	N/a	N/a	1
668	07.15.19	EN 60617-1996	Block	Relay coil of a remanent relay	Operating devices	N/a	N/a	1
669	07.15.20	EN 60617-1996	Block	Relay coil of a remanent relay	Operating devices	N/a	N/a	1
670	07.15.21	EN 60617-1996	Block	Operating device of a thermal relay	Operating devices	N/a	N/a	1
671	07.15.22	EN 60617-1996	Block	Operating device of an electronic relay	Operating devices	N/a	N/a	1
672	07.16.01	EN 60617-1996	Block	Measuring relay	Qualifying Symbols	N/a	N/a	1
673	07.16.02	EN 60617-1996	Block	Voltage failure to frame	Qualifying Symbols	N/a	N/a	1
674	07.16.03	EN 60617-1996	Block	Residual voltage	Qualifying Symbols	N/a	N/a	1

675	07.16.04	EN 60617-1996	Block	Reverse current	Qualifying Symbols	N/a	N/a	1
676	07.16.05	EN 60617-1996	Block	Differential current	Qualifying Symbols	N/a	N/a	1
677	07.16.06	EN 60617-1996	Block	Percentage differential current	Qualifying Symbols	N/a	N/a	1
678	07.16.07	EN 60617-1996	Block	Earth fault current	Qualifying Symbols	N/a	N/a	1
679	07.16.08	EN 60617-1996	Block	Current in the neutral conductor	Qualifying Symbols	N/a	N/a	1
680	07.16.09	EN 60617-1996	Block	Current between neutrals of two polyphase systems	Qualifying Symbols	N/a	N/a	1
681	07.16.10	EN 60617-1996	Block	Power at phase angle alpha	Qualifying Symbols	N/a	N/a	1
682	07.16.11	EN 60617-1996	Block	Inverse time-lag characteristic	Qualifying Symbols	N/a	N/a	1
683	07.17.01	EN 60617-1996	Block	No voltage relay	Measuring Relays	N/a	N/a	1
684	07.17.02	EN 60617-1996	Block	Reverse current relay	Measuring Relays	N/a	N/a	1
685	07.17.03	EN 60617-1996	Block	Underpower relay	Measuring Relays	N/a	N/a	1
686	07.17.04	EN 60617-1996	Block	Delayed overcurrent relay	Measuring Relays	N/a	N/a	1
687	07.17.05	EN 60617-1996	Block	Overcurrent relay with two measuring elements and a setting range from 5 A to	Measuring Relays	N/a	N/a	1
688	07.17.06	EN 60617-1996	Block	Overpower relay for reactive power	Measuring Relays	N/a	N/a	1
689	07.17.07	EN 60617-1996	Block	Undervoltage relay	Measuring Relays	N/a	N/a	1
690	07.17.08	EN 60617-1996	Block	Current relay with maximum and minimum settings,shown with limits 3 A and 5 A	Measuring Relays	N/a	N/a	1
691	07.17.09	EN 60617-1996	Block	Under-impedance relay	Measuring Relays	N/a	N/a	1
692	07.17.10	EN 60617-1996	Block	Relay detecting short-circuits between windings	Measuring Relays	N/a	N/a	1
693	07.17.11	EN 60617-1996	Block	Divided-conductor detection relay	Measuring Relays	N/a	N/a	1
694	07.17.12	EN 60617-1996	Block	Phase-failure detection relay in a three-phase system	Measuring Relays	N/a	N/a	1
695	07.17.13	EN 60617-1996	Block	Locked-rotor detection relay operating by current measuring	Measuring Relays	N/a	N/a	1
696	07.17.14	EN 60617-1996	Block	Overcurrent relay with two outputs	Measuring Relays	N/a	N/a	1
697	07.18.01	EN 60617-1996	Block	Buchholz protective device (gas relay)	Miscellaneous Devices	N/a	N/a	1
698	07.18.02	EN 60617-1996	Block	Device for auto-reclosing,Auto-reclose relay	Miscellaneous Devices	N/a	N/a	1
699	07.19.01	EN 60617-1996	Block	Proximity sensor	Sensors and detectors	N/a	N/a	1
700	07.19.02	EN 60617-1996	Block	Proximity sensing device	Sensors and detectors	N/a	N/a	1
701	07.19.03	EN 60617-1996	Block	Proximity sensing device	Sensors and detectors	N/a	N/a	1
702	07.19.04	EN 60617-1996	Block	Touch sensor	Sensors and detectors	N/a	N/a	1
703	07.20.01	EN 60617-1996	Block	Touch sensitive switch, make contact	Switches	N/a	N/a	1
704	07.20.02	EN 60617-1996	Block	Proximity switch, make contact	Switches	N/a	N/a	1
705	07.20.03	EN 60617-1996	Block	Proximity switch, operated on the approach of a magnet,make contact	Switches	N/a	N/a	1
706	07.20.04	EN 60617-1996	Block	Proximity switch, operated on the approach of iron, break contact	Switches	N/a	N/a	1
707	07.21.01	EN 60617-1996	Block	Fuse, general symbol	Fuses and fuse-switches	N/a	N/a	1
708	07.21.02	EN 60617-1996	Block	Fuse with the side, that remains live after blowing,indicated by a thick line	Fuses and fuse-switches	N/a	N/a	1
709	07.21.03	EN 60617-1996	Block	Fuse with mechanical linkage (striker fuse)	Fuses and fuse-switches	N/a	N/a	1
710	07.21.04	EN 60617-1996	Block	Fuse with alarm contact, three terminals	Fuses and fuse-switches	N/a	N/a	1
711	07.21.05	EN 60617-1996	Block	Fuse with separate alarm circuit	Fuses and fuse-switches	N/a	N/a	1
712	07.21.06	EN 60617-1996	Block	Three-pole switch with automatic release by any one of the strike fuses	Fuses and fuse-switches	N/a	N/a	1
713	07.21.07	EN 60617-1996	Block	Fuse-switch	Fuses and fuse-switches	N/a	N/a	1
714	07.21.08	EN 60617-1996	Block	Fuse-disconnector (fuse isolator)	Fuses and fuse-switches	N/a	N/a	1
715	07.21.09	EN 60617-1996	Block	Fuse switch-disconnector (on-load isolating fuse switch)	Fuses and fuse-switches	N/a	N/a	1
716	07.22.01	EN 60617-1996	Block	Spark gap	Spark gaps and arresters	N/a	N/a	1
717	07.22.02	EN 60617-1996	Block	Double spark gap	Spark gaps and arresters	N/a	N/a	1
718	07.22.03	EN 60617-1996	Block	Surge diverter,Lightning arrester	Spark gaps and arresters	N/a	N/a	1
719	07.22.04	EN 60617-1996	Block	Protective gas discharge tube	Spark gaps and arresters	N/a	N/a	1
720	07.22.05	EN 60617-1996	Block	Symmetric protective gas discharge tube	Spark gaps and arresters	N/a	N/a	1
721	07.25.01	EN 60617-1996	Block	Static switch, general symbol	Static switches	N/a	N/a	1
722	07.25.02	EN 60617-1996	Block	Static (semiconductor) contactor	Static switches	N/a	N/a	1
723	07.25.03	EN 60617-1996	Block	Static switch, passing current in one direction only	Static switches	N/a	N/a	1
724	07.26.01	EN 60617-1996	Block	Static relay, general symbol, shown with semiconductor make contact	Static switching devices	N/a	N/a	1
725	07.26.02	EN 60617-1996	Block	Static relay with light emitting diode as actuator shown with make contact semiconductor	Static switching devices	N/a	N/a	1
726	07.26.03	EN 60617-1996	Block	Three-pole thermal overload relay with two semiconductor contacts one semiconductor	Static switching devices	N/a	N/a	1
727	07.26.04	EN 60617-1996	Block	Semiconductor operating device with semiconductor make contact	Static switching devices	N/a	N/a	1
728	07.27.01	EN 60617-1996	Block	Coupling device with electrical separation	Coupling devices and static relays	N/a	N/a	1
729	07.27.02	EN 60617-1996	Block	Optical coupling device with electrical separation	Coupling devices and static relays	N/a	N/a	1
730	08.01.01	EN 60617-1996	Block	Indicating Instrument	General Instruments	N/a	N/a	1
731	08.01.02	EN 60617-1996	Block	Recording Instrument	General Instruments	N/a	N/a	1
732	08.01.03	EN 60617-1996	Block	Integrating Instrument	General Instruments	N/a	N/a	1
733	08.02.01	EN 60617-1996	Block	Voltmeter	Indicating Instruments	N/a	N/a	1
734	08.02.02	EN 60617-1996	Block	Reactive current ammeter	Indicating Instruments	N/a	N/a	1
735	08.02.03	EN 60617-1996	Block	Maximum demand indicator	Indicating Instruments	N/a	N/a	1
736	08.02.04	EN 60617-1996	Block	Varmeter	Indicating Instruments	N/a	N/a	1
737	08.02.05	EN 60617-1996	Block	Power factor meter	Indicating Instruments	N/a	N/a	1
738	08.02.06	EN 60617-1996	Block	Phase meter	Indicating Instruments	N/a	N/a	1
739	08.02.07	EN 60617-1996	Block	Frequency meter	Indicating Instruments	N/a	N/a	1
740	08.02.08	EN 60617-1996	Block	Synchroscope	Indicating Instruments	N/a	N/a	1
741	08.02.09	EN 60617-1996	Block	Wavemeter	Indicating Instruments	N/a	N/a	1
742	08.02.10	EN 60617-1996	Block	Oscilloscope	Indicating Instruments	N/a	N/a	1
743	08.02.11	EN 60617-1996	Block	Differential voltmeter	Indicating Instruments	N/a	N/a	1

744	08.02.12	EN 60617-1996	Block	Galvanometer	Indicating Instruments	N/a	N/a	1
745	08.02.13	EN 60617-1996	Block	Salinity meter	Indicating Instruments	N/a	N/a	1
746	08.02.14	EN 60617-1996	Block	Thermometer	Indicating Instruments	N/a	N/a	1
747	08.02.15	EN 60617-1996	Block	Tachometer	Indicating Instruments	N/a	N/a	1
748	08.03.01	EN 60617-1996	Block	Recording wattmeter	Recording Instruments	N/a	N/a	1
749	08.03.02	EN 60617-1996	Block	Combined recording wattmeter and varmeter	Recording Instruments	N/a	N/a	1
750	08.03.03	EN 60617-1996	Block	Oscillograph	Recording Instruments	N/a	N/a	1
751	08.04.01	EN 60617-1996	Block	Hour meter	Recording Instruments	N/a	N/a	1
752	08.04.02	EN 60617-1996	Block	Ampere-hour meter	Recording Instruments	N/a	N/a	1
753	08.04.03	EN 60617-1996	Block	Watt-hour meter	Recording Instruments	N/a	N/a	1
754	08.04.04	EN 60617-1996	Block	Watt-hour meter,energy transmission measure in single direction	Recording Instruments	N/a	N/a	1
755	08.04.05	EN 60617-1996	Block	Watt-hour meter,energy flow count from busbars	Recording Instruments	N/a	N/a	1
756	08.04.06	EN 60617-1996	Block	Watt-hour meter,energy flow count towards busbars	Recording Instruments	N/a	N/a	1
757	08.04.07	EN 60617-1996	Block	Watt-hour meter,energy flow count bi directional	Recording Instruments	N/a	N/a	1
758	08.04.08	EN 60617-1996	Block	Multi-rare watt hour meter,two rate	Recording Instruments	N/a	N/a	1
759	08.04.09	EN 60617-1996	Block	Excess watt hour meter	Recording Instruments	N/a	N/a	1
760	08.04.10	EN 60617-1996	Block	Watt-hour meter with trasmitter	Recording Instruments	N/a	N/a	1
761	08.04.11	EN 60617-1996	Block	Slave watt-hour meter	Recording Instruments	N/a	N/a	1
762	08.04.12	EN 60617-1996	Block	Slave watt-hour meter	Recording Instruments	N/a	N/a	1
763	08.04.13	EN 60617-1996	Block	Watt-hour meter with maximum demand indicator	Recording Instruments	N/a	N/a	1
764	08.04.14	EN 60617-1996	Block	Watt-hour meter with maximum demand recorder	Recording Instruments	N/a	N/a	1
765	08.04.15	EN 60617-1996	Block	Var-hour meter	Recording Instruments	N/a	N/a	1
766	08.05.01	EN 60617-1996	Block	Counting function of a number of events	Counting Devices	N/a	N/a	1
767	08.05.02	EN 60617-1996	Block	Pulse meter	Counting Devices	N/a	N/a	1
768	08.05.03	EN 60617-1996	Block	Pulse meter,Manual preset to n(if n=0)	Counting Devices	N/a	N/a	1
769	08.05.04	EN 60617-1996	Block	Pulse meter electrically reset to 0	Counting Devices	N/a	N/a	1
770	08.05.05	EN 60617-1996	Block	Pulse meter with multiple contacts	Counting Devices	N/a	N/a	1
771	08.05.06	EN 60617-1996	Block	Counting device	Counting Devices	N/a	N/a	1
772	08.06.01	EN 60617-1996	Block	Thermocouple,shown with polarity symbols	Thermocouples	N/a	N/a	1
773	08.06.02	EN 60617-1996	Block	Thermocouple with direct iondication of polarity	Thermocouples	N/a	N/a	1
774	08.06.03	EN 60617-1996	Block	Thermocouple with non-insulated heating element	Thermocouples	N/a	N/a	1
775	08.06.04	EN 60617-1996	Block	Thermocouple with non-insulated heating element	Thermocouples	N/a	N/a	1
776	08.06.05	EN 60617-1996	Block	Thermocouple with insulated heating element	Thermocouples	N/a	N/a	1
777	08.06.06	EN 60617-1996	Block	Thermocouple with insulated heating element	Thermocouples	N/a	N/a	1
778	08.07.01	EN 60617-1996	Block	Signal translator	Telemetry Devices	N/a	N/a	1
779	08.08.01	EN 60617-1996	Block	Clock	Electric Clocks	N/a	N/a	1
780	08.08.02	EN 60617-1996	Block	Master Clock	Electric Clocks	N/a	N/a	1
781	08.08.03	EN 60617-1996	Block	Clock with contact	Electric Clocks	N/a	N/a	1
782	08.09.02	EN 60617-1996	Block	Synchronous device	Measuring Instruments	N/a	N/a	1
783	08.09.03	EN 60617-1996	Block	Torque transmitter	Measuring Instruments	N/a	N/a	1
784	08.09.04	EN 60617-1996	Block	Gyro	Measuring Instruments	N/a	N/a	1
785	08.10.01	EN 60617-1996	Block	Lamp	Lamps and Signalling Devices	N/a	N/a	1
786	08.10.02	EN 60617-1996	Block	Signal Lamp	Lamps and Signalling Devices	N/a	N/a	1
787	08.10.03	EN 60617-1996	Block	Indicator	Lamps and Signalling Devices	N/a	N/a	1
788	08.10.04	EN 60617-1996	Block	Electromechanical position indicator	Lamps and Signalling Devices	N/a	N/a	1
789	08.10.05	EN 60617-1996	Block	Horn	Lamps and Signalling Devices	N/a	N/a	1
790	08.10.06	EN 60617-1996	Block	Bell	Lamps and Signalling Devices	N/a	N/a	1
791	08.10.08	EN 60617-1996	Block	Single-stroke bell	Lamps and Signalling Devices	N/a	N/a	1
792	08.10.09	EN 60617-1996	Block	Siren	Lamps and Signalling Devices	N/a	N/a	1
793	08.10.10	EN 60617-1996	Block	Buzzer	Lamps and Signalling Devices	N/a	N/a	1
794	08.10.12	EN 60617-1996	Block	Whistle,electrically operated	Lamps and Signalling Devices	N/a	N/a	1
795	08.10.13	EN 60617-1996	Block	Indicator lamp	Lamps and Signalling Devices	N/a	N/a	1
796	10.02.01	EN 60617-1996	Block	Two-wire line,unidirectional amplification	Amplified Circuits	N/a	N/a	1
797	10.02.02	EN 60617-1996	Block	Two-wire line,bidirectional amplification	Amplified Circuits	N/a	N/a	1
798	10.02.03	EN 60617-1996	Block	Four-wire circuit,bidirectional amplification	Amplified Circuits	N/a	N/a	1
799	10.02.04	EN 60617-1996	Block	Four-wire circuit,bidirectional amplification	Amplified Circuits	N/a	N/a	1
800	10.02.05	EN 60617-1996	Block	Four-wire circuit with frequency separation	Amplified Circuits	N/a	N/a	1
801	10.02.06	EN 60617-1996	Block	Four-wire circuit with bidirectional terminals	Amplified Circuits	N/a	N/a	1
802	10.02.07	EN 60617-1996	Block	Four-wire circuit with bidirectional terminals	Amplified Circuits	N/a	N/a	1
803	10.05.01	EN 60617-1996	Block	Loop antenna	Antennas	N/a	N/a	1
804	10.05.02	EN 60617-1996	Block	Rhombic antenna	Antennas	N/a	N/a	1
805	10.05.03	EN 60617-1996	Block	Counterpoise	Antennas	N/a	N/a	1
806	10.05.04	EN 60617-1996	Block	Magnetic rod antenna	Antennas	N/a	N/a	1
807	10.05.05	EN 60617-1996	Block	Dipole	Antennas	N/a	N/a	1
808	10.05.06	EN 60617-1996	Block	Folded dipole	Antennas	N/a	N/a	1
809	10.05.07	EN 60617-1996	Block	Folded dipole,with three directors and one reflector	Antennas	N/a	N/a	1
810	10.05.08	EN 60617-1996	Block	Balun	Antennas	N/a	N/a	1
811	10.05.09	EN 60617-1996	Block	Folded dipole with balun and coaxial feeder	Antennas	N/a	N/a	1
812	10.05.10	EN 60617-1996	Block	Slot antenna,with rectangular waveguide feeder	Antennas	N/a	N/a	1

813	10.05.11	EN 60617-1996	Block	Horn antenna	Antennas	N/a	N/a	1
814	10.05.12	EN 60617-1996	Block	Cheese(box) reflector with horn feed	Antennas	N/a	N/a	1
815	10.05.13	EN 60617-1996	Block	Parabolic antenna,with rectangular waveguide feeder	Antennas	N/a	N/a	1
816	10.05.14	EN 60617-1996	Block	Horn reflector antenna with circular waveguide feeder	Antennas	N/a	N/a	1
817	10.13.01	EN 60617-1996	Block	Signal generator	Signal Generators	N/a	N/a	1
818	10.15.01	EN 60617-1996	Block	Sine wave generator	Amplifiers	N/a	N/a	1
819	10.17.01	EN 60617-1996	Block	Clipper	Limiters	N/a	N/a	1
820	10.17.02	EN 60617-1996	Block	Base limiter	Limiters	N/a	N/a	1