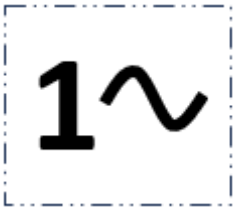
100 BASIC ELECTRICAL SYMBOLS BY IEC -60617

SNO.	SYMBOL NAME	GRAPHICAL SYMBOL	IEC symbol ID
1.	Plus, Positive polarity		S00077
2.	Minus, Negative polarity		S00078
3.	Alternating current		
4.	Three-phase alternating current		
5.	Three-phase alternating current with neutral conductor		
6.	Two-phase alternating current		

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7.	Two-phase alternating current with neutral conductor		
8.	Single-phase alternating current		
9.	Neutral		
10.	Earth; Ground		S00200
11.	Functional Earth; Functional Ground		S01408
12.	Protective Earth; Protective Ground		S00202
13.	On(Power)		

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14. Off(Power)



15. On-off push button



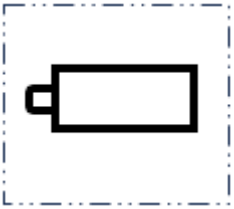
16. On-off push button 2



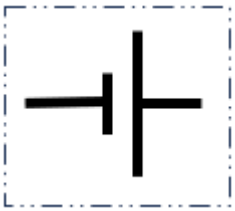
17. Stand-by



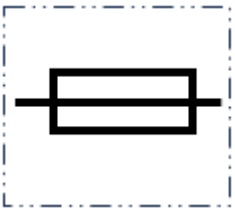
18. Battery, General



19. Battery, General

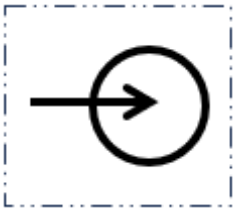
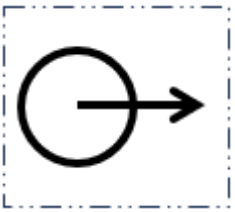
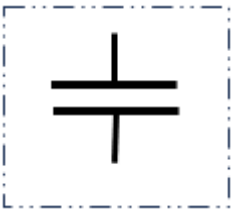
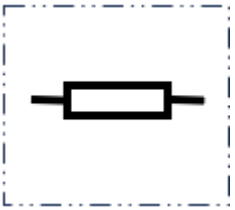
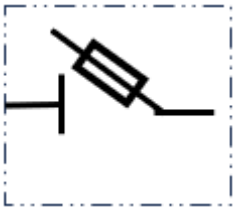


20. Fuse

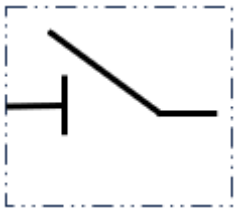


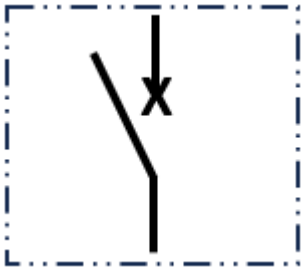
S00362

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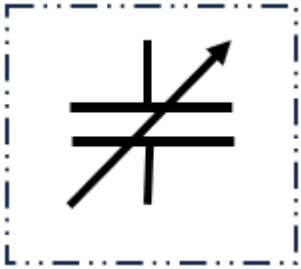
21.	Direct current		S00004
22.	Input		
23.	Output		
24.	Graphical symbol, Capacitor		S00567
25.	Graphical symbol, ohm(units of resistance)		
26.	Graphical symbol, Resistor		S00555
27.	Graphical symbol, fuse isolator, fuse-disconnector		S00369

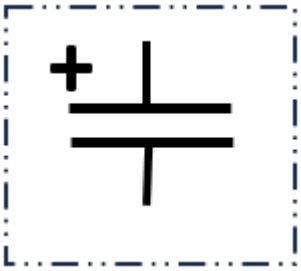
BIJU'S KLA

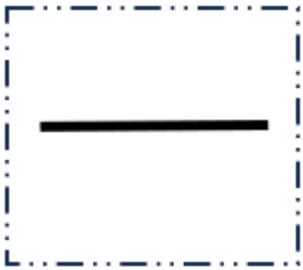
28. Graphical symbol, disconnector; isolator  S00288

29. Circuit Breaker  S00287

30. Inductor, Coil 

31. variable capacitor  S00573

32. Polarity capacitor 

33. Connection, General symbol 

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34. Flexible connection



S00006

35. Connection point, Junction

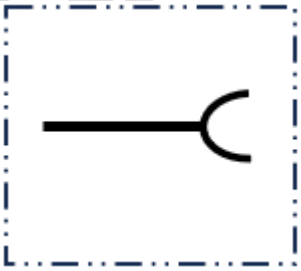


36. Terminal



S00017

37. Contact, Female



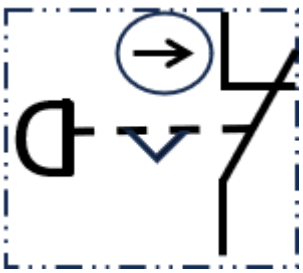
S00031

38. Contact, Male



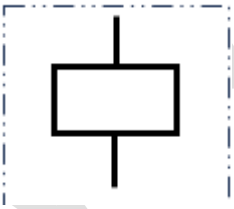
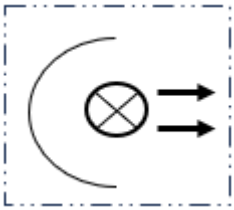
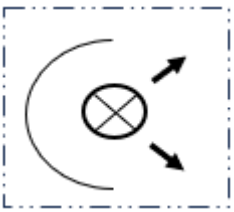
S00032

39. Emergency

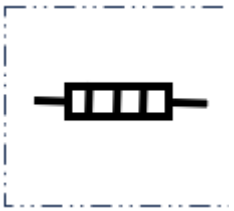
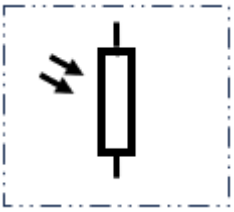
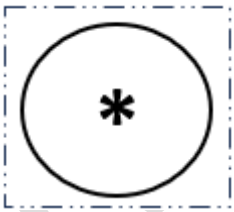
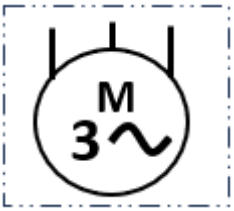
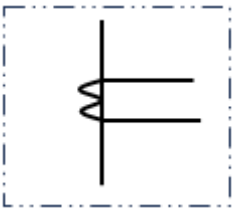


S00258

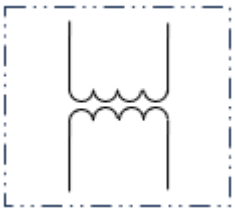
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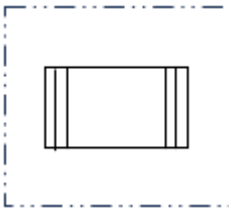
40.	Motor starter, general symbol		S00297
41	Direct online starter, reversing		S00301
42.	Star delta starter		S00302
43.	Relay coil, General Symbol		S00305
44.	Spark gap		S00371
45.	Spot light		S00488
46.	Flood light		S00489

BIJU'S KALA

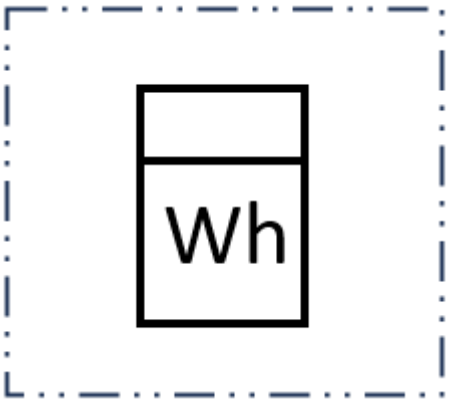
47.	Heating Element		S00566
48.	Ferrite bead		S00592
49.	Light dependent resistor		S00684
50.	Machine, General symbol		S00819
51.	AC power supply		
52.	Induction motor, three phase		S00836
53.	Current transformer		S00851

BIJU'S KLA

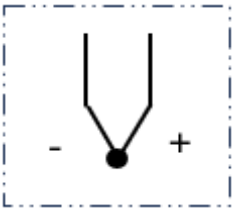
54. Transformer with two windings  S00841

55. Heat source  S00900

56. Galvanometer  S000924

57. Watt hour meter 

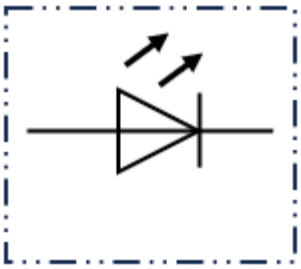
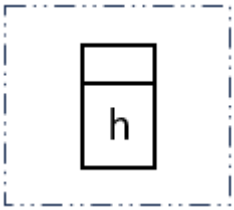
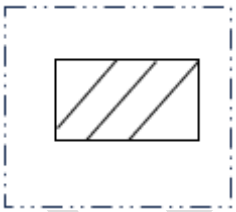
S00933

58. Thermocouple 

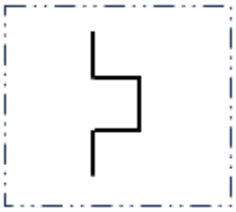
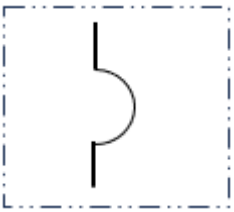
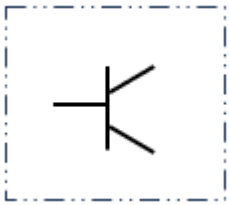
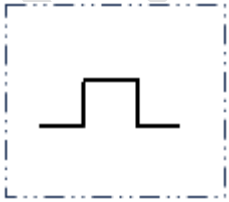
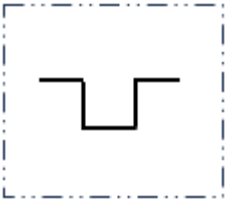
S00952

59. Master clock  S00960

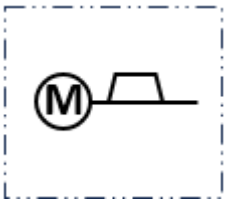
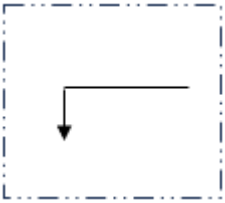
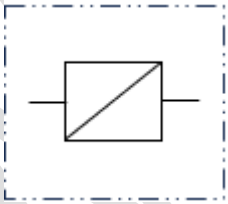
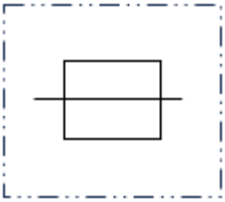
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60.	Light emitting diode		S01919
61.	Hour meter		S00931
62.	Material solid		S00114
63.	Shield, Screen		S00065
64.	Adjustability		S00081
65.	Automatic control		S00091
66.	Material liquid		S00115

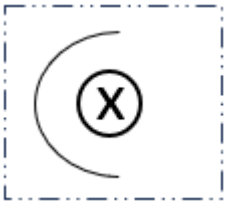
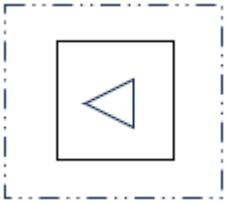
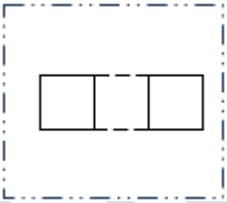
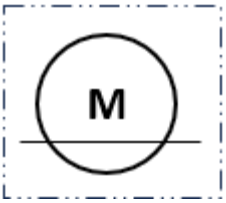
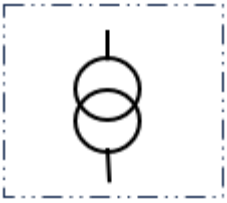
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67.	Thermal effect		S00120
68.	Electromagnetic effect		S00121
69.	Delay		S00124
70.	Semiconductor effect		S00125
71.	Pulse, Positive going		S00132
72.	Pulse, Negative going		S00133
73.	Saw-tooth wave		S00137

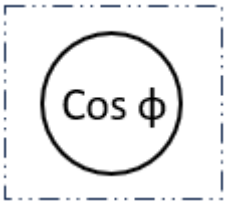
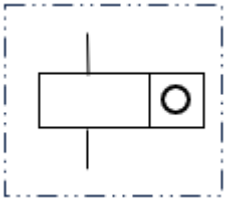
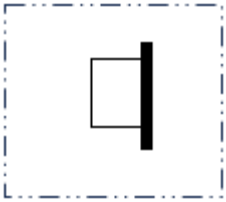
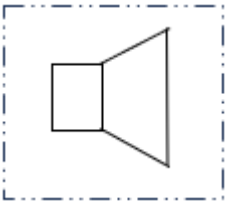
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74.	Brake, Released		S00165
75.	Brake, Applied		S00164
76.	Movable contact		S00211
77.	Converter, General symbol		S00213
78.	Starter with autotransformer		S00303
79.	Manhole for underground chamber		S00412
80.	Timer		S00478
81.	Push button		S00475

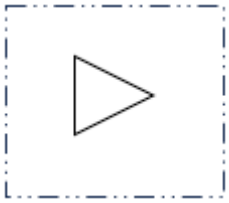
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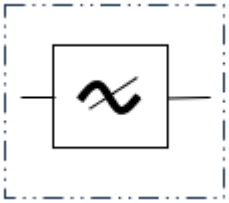
82.	Projector, General symbol		S00487
83.	Wind direction indicator		S00548
84.	Warning sign, General symbol		S00552
85.	One winding		S00796
86.	Three- phase winding, Star		S00808
87.	Three- phase winding, Delta		S00806
88.	Linear motor, General symbol		S00820
89.	Voltage transformer		S00878

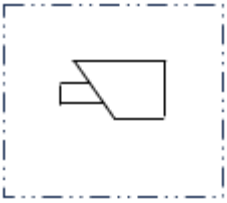
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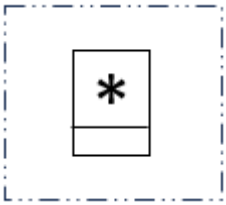
90.	Voltmeter		S00913
91.	Power-factor meter		S00917
92.	Frequency meter		S00919
93.	Var hour meter		S00945
94.	Pulse counting device		S00947
95.	Earphone, General symbol		S01056
96.	Loud speaker, General symbol		S01059

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97. Amplifier, General symbol  S01239

98. Filter, General symbol  S01246

99. Camera  S01887

100. Detector, General symbol  S01870

101. Oscilloscope  S00922

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