

Drawing Services – 06D – Schematic Drawing Structure and Standards for Technology -Appendix B – Device Function Numbers B.S. 3939

Letter Code	Kind of Item	Examples
А	Assemblies, subassemblies	Amplifier using discrete components, magnetic amplifiers, lasers, masers, printed circuit boards.
В	Transducers, from non- electrical quantity to electrical quantity & vice versa	Thermoelectric sensors, thermoelectric cells, photoelectric cells, dynamometers, crystal transducers, microphones, pickups, loudspeakers, synchros, resolvers, earphones.
С	Capacitors	Static and synchronous capacitors, capacitor-resister units.
D	Binery elements, delay devices, storage devices	Digital integrated circuits and devices, delay lines, bistable elements, monostable elements, core storage, registers, magnetic tape recorders, disc recorders.
E	Miscellaneous	Lighting devices, heating devices, cooling devices, earthing devices, devices not specified elsewhere in this list.
F	Protective devices	Fuses, overvoltage discharge devices, arresters, surge diverters.
G	Generators, power supplies	Rotating generators, rotating frequency converters, batteries, supply devices, oscillators.
Н	Signalling devices	Optical and acoustical indicators, light emitting diodes, buzzers, bells.
J	-	
K	Relays contactors	
L	Inductors Reactors	Induction coils, line traps, reactors (shunt and series)
М	Motors	
N	Analogue elements	Operational amplifiers, digital to analogue converters, voltage regulators.
Р	Measuring equipment, testing equipment	Indicating, recording and integrating measuring devices, signal generators, clocks, counters.
Q	Switching devices for power circuits.	Circuit-breakers, isolators, moulded case circuit-breakers, reclosers, fault throwers, earthing switches.
R	Resistors	Adjustable resistors, potentiometers, rheostats, shunts, thermistors.
S	Switching devices for control circuits, selector switches	Switches, control switches, pushbuttons, limit switches, selector switches, selectors, dial contacts, connecting stages.

Schematic Drawing Structure and Standards for Electrotechnology

Т	Transformers, voltage regulators (power)	Voltage transformers, current transformers, power transformers, power voltage regulators (transformers, and induction types), potential devices.
U	Modulators, changers	Discriminators, demodulators, frequency changers, coders, inverters, converters, telegraph translators, modems.
V	Tubes, semiconductors (discrete)	Electronic tubes, gas-discharge turbes, diodes, transistors, thyristors, opto-isolators, solion diodes.
W	Transmission paths, waveguides, antennae	Conductors, cables, busbars, waveguides, waveguide directional couplers, dipoles, parabolic aerials.
Х	Terminals, plugs, sockets, links, joints.	Disconnecting plugs and sockets, jacks, terminal boards, soldering terminal strips, links, cable sealing ends and joints.
Υ	Electrically operated mechanical devices	Brakes, clutches, pneumatic valves.
Z	Networks, hybrid transformers, filters, equalizers, limiters	Cable-balancing networks, compandors, crystal filters.