

**BASIC CONTROL DEVICE FUNCTION NUMBERS**  
**AMERICAN NATIONAL STANDARDS INSTITUTE**

1	MASTER ELEMENT	50	INSTANTANEOUS OVERCURRENT or RATE-of-RISE RELAY
2	SEQUENCE TIMER	51	AC TIME OVERCURRENT RELAY
3	CHECKING RELAY	52	AC CIRCUIT BREAKER or CONTACTOR
4	MASTER RELAY	55	POWER FACTOR RELAY
5	STOPPING DEVICE	57	SHORT CIRCUITING or GROUNDING DEVICE
6	STARTING CIRCUIT BREAKER	59	OVERVOLTAGE RELAY
8	CONTROL POWER DISCONNECTING DEVICE	60	VOLTAGE or CURRENT BALANCE RELAY
10	UNIT SEQUENCE SWITCH	62	STOPPING or OPENING TIMER RELAY
12	OVERSPEED DEVICE	63	LIQUID or GAS PRESSURE or VACUUM
13	SYNCHRONOUS SPEED DEVICE	64	GROUND PROTECTIVE RELAY
14	SPEED RELAY	65	GOVERNOR
15	SPEED or FREQUENCY MATCHING DEVICE	66	NOTCHING or JOGGING DEVICE
18	ACCELERATING or DECELERATING DEVICE	67	AC DIRECTIONAL OVERCURRENT RELAY
20	SOLENOID VALVE	68	BLOCKING RELAY
21	DISTANCE RELAY	69	PERMISSIVE CONTROL DEVICE
23	TEMPERATURE CONTROL DEVICE	70	ELECTRICALLY OPERATED RHEOSTAT
25	SYNCHRONISM CHECK DEVICE	71	LIQUID or GAS LEVEL RELAY
26	TEMPERATURE SENSING DEVICE	72	DC CIRCUIT BREAKER or CONTACTOR
27	UNDERVOLTAGE	75	POSITION CHANGING MECHANISM
28	FLAME DETECTOR	77	PULSE TRANSMITTER
30	ANNUNCIATOR RELAY	80	LIQUID or GAS FLOW RELAY
32	DIRECTIONAL POWER RELAY	81	FREQUENCY RELAY
33	POSITION SWITCH	82	DC RECLOSING RELAY
34	MASTER SEQUENCE DEVICE	83	AUTOMATIC SELECTIVE CONTROL or TRANSFER RELAY
37	UNDERCURRENT or UNDERPOWER RELAY	84	OPERATING MECHANISM
38	BEARING PROTECTIVE DEVICE	85	CARRIER or PILOT-WIRE RECEIVER RELAY
39	MECHANICAL CONDITION MONITOR	86	LOCK-OUT RELAY
40	FIELD RELAY	87	DIFFERENTIAL PROTECTIVE RELAY
41	FIELD CIRCUIT BREAKER	88	AUXILIARY MOTOR or MOTOR GENERATOR
43	MANUAL TRANSFER or SELECTOR DEVICE	89	LINE SWITCH
45	ATMOSPHERIC CONDITION MONITOR	90	REGULATING DEVICE
46	REVERSE-PHASE or PHASE-BALANCE CURRENT RELAY	91	VOLTAGE DIRECTIONAL RELAY
47	PHASE-SEQUENCE VOLTAGE RELAY	93	FIELD-CHANGING CONTACTOR
48	INCOMPLETE SEQUENCE RELAY	94	TRIPPING or TRIP-FREE RELAY
49	MACHINE or TRANSFORMER THERMAL RELAY	96	TRANSDUCER