

Table 127.1
Rating codes for a-c control-circuit contacts at 50 and 60 hertz

Contact rating code designation ^a	Thermal continuous test current amperes	Maximum current, amperes ^b								Maximum volt-amperes	
		120 Volt		240 Volt		480 Volt		600 Volt			
		Make	Break	Make	Break	Make	Break	Make	Break	Make	Break
A150	10	60	6.00	—	—	—	—	—	—	7200	720
A300	10	60	6.00	30	3.00	—	—	—	—	7200	720
A600	10	60	6.00	30	3.00	15	1.50	12	1.20	7200	720
B150	5	30	3.00	—	—	—	—	—	—	3600	360
B300	5	30	3.00	15	1.50	—	—	—	—	3600	360
B600	5	30	3.00	15	1.50	7.50	0.75	6	0.60	3600	360
C150	2.5	15	1.5	—	—	—	—	—	—	1800	180
C300	2.5	15	1.5	7.5	0.75	—	—	—	—	1800	180
C600	2.5	15	1.5	7.5	0.75	3.75	0.375	3.00	0.30	1800	180
D150	1.0	3.60	0.60	—	—	—	—	—	—	432	72
D300	1.0	3.60	0.60	1.80	0.30	—	—	—	—	432	72
E150	0.5	1.80	0.30	—	—	—	—	—	—	216	36

^a The numerical suffix designates the maximum voltage design values, which are to be 600, 300, and 150 volts for suffixes 600, 300, and 150, respectively. The test voltage is to be 600, 240, or 120 volts.

^b For maximum ratings at voltages between the maximum design value and 120 volts, the maximum make and break ratings are to be obtained by dividing the volt-amperes rating by the application voltage. For voltages below 120 volts, the maximum make current is to be the same as for 120 volts, and the maximum break current is to be obtained by dividing the break volt-amperes by the application voltage, but these currents are not to exceed the thermal continuous test current.

Table 127.2
Rating codes for d-c control-circuit contacts

Contact rating code designation ^a	Thermal continuous test current, amperes	Maximum make or break ^b current, amperes			Maximum make or break volt-amperes at 300 volts or less
		125 Volt	250 Volt	301 to 600 Volt	
N150	10	2.2	—	—	275
N300	10	2.2	1.1	-	275
N600	10	2.2	1.1	0.40	275
P150	5.0	1.1	—	—	138
P300	5.0	1.1	0.55	-	138
P600	5.0	1.1	0.55	0.20	138
Q150	2.5	0.55	—	—	69
Q300	2.5	0.55	0.27	-	69
Q600	2.5	0.55	0.27	0.10	69
R150	1.0	0.22	—	—	28
R300	1.0	0.22	0.11	-	28

^a The numerical suffix designates the maximum voltage design values, which are to be 600, 300, and 150 volts for suffixes 600, 300, and 150 respectively. Test voltage shall be 600, 250, or 125 volts.

^b For maximum ratings at 300 volts or less, the maximum make and break ratings are to be obtained by dividing the volt-ampere rating by the application voltage, but the current values are not to exceed the thermal continuous test current.

Table 127.2 revised December 6, 1993

MARKING

128 Details

128.1 Marking shall be in accordance with the requirements in Sections 57 – 59 and this section.

128.2 Individual contact blocks of a pushbutton or selector switch unit shall be marked to indicate the operators with which they are intended to be used unless the switch unit has been found acceptable for use with all operators to which they may be assembled that are made available by the manufacturer.

128.3 If the marked ratings are the code designations specified in Tables 127.1 and 127.2, the information concerning the voltage and overload current ratings for each code designation shall be published in a catalog, contained on a marking sheet packed with the product, or be otherwise available to the user.