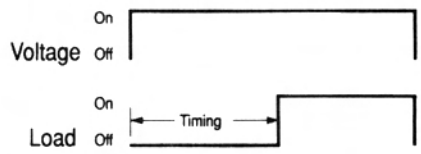
SERIES Q1 ON-DELAY TIMERS

Power Consumption: 3W. max. **External Resistance for Max. Time:** 1 megohm. **Time Delay Adjustment:** External resistor; factory fixed on special order. **Reset Time:** 100 ms max. before time out. 10 ms after time out. **Repeatability:** ±0.5%. **Output Rating:** 1 amp max., solid state, normally open series load.

*AC/DC except where noted otherwise.

Mfr. No.	Time Delay Seconds	Input Volts AC/DC*	UL File Number	CSA File Number
Q1F-00001-311	.05-1	120 AC	E65038	33434
Q1F-00005-311	.25-5	120 AC	E65038	33434
Q1F-00010-311	.5-10	120 AC	E65038	33434
Q1F-00060-311	3-60	120 AC	E65038	33434
Q1F-00300-311	15-300	120 AC	E65038	33434
Q1F-00600-311	30-600	120 AC	E65038	33434
Q1F-03600-311	180-3600	120 AC	E65038	33434
Q1F-18000-311	.25-5 hrs.	120 AC	E65038	33434
Q1F-36000-311	.5-10 hrs	120 AC	E65038	33434
Q1F-00005-315	.25-5	240 AC	E65038	33434
Q1F-00010-315	.5-10	240 AC	E65038	33434
Q1F-00060-315	3-60	240 AC	E65038	33434
Q1F-00300-315	15-300	240 AC	E65038	33434
Q1F-00600-315	30-600	240 AC	E65038	33434
Q1F-03600-315	180-3600	240 AC	E65038	33434
Q1F-18000-315	.25-5 hrs.	240 AC	E65038	33434
Q1F-36000-315	.5-10 hrs.	240 AC	E65038	33434
Q1F-00001-316	.05-1	12 DC	E65038	33434
Q1F-00005-316	.25-5	12 DC	E65038	33434
Q1F-00010-316	.5-10	12 DC	E65038	33434
Q1F-00060-316	3-60	12 DC	E65038	33434
Q1F-00300-316	15-300	12 DC	E65038	33434
Q1F-00600-316	30-600	12 DC	E65038	33434
Q1F-03600-316	180-3600	12 DC	E65038	33434
Q1F-18000-316	.25-5 hrs.	12 DC	E65038	33434
Q1F-36000-316	.5-10 hrs.	12 DC	E65038	33434
Q1F-00001-317	.05-1	24	E65038	33434
Q1F-00005-317	.25-5	24	E65038	33434
Q1F-00010-317	.5-10	24	E65038	33434
Q1F-00060-317	3-60	24	E65038	33434
Q1F-00300-317	15-300	24	E65038	33434
Q1F-00600-317	30-600	24	E65038	33434
Q1F-03600-317	180-3600	24	E65038	33434
Q1F-18000-317	.25-5 hrs.	24	E65038	33434
Q1F-36000-317	.5-10 hrs.	24	E65038	33434

DELAY ON MAKE (SERIES LOAD)



Upon application of input voltage, the time delay starts. At the end of the time delay, the load is energized. Reset is accomplished by removal of input power.

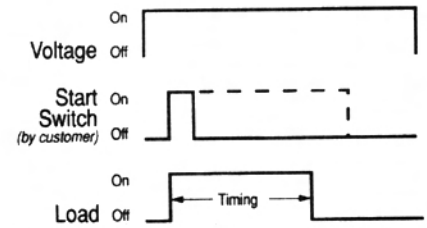
SERIES Q2 ONE-SHOT TIMERS

Power Consumption: 4W. max. **External Resistance for Max Time:**1 megohm. **Time Delay Adjustment:** External Resistor; factory fixed on special order. **Reset Time:** 50 ms max. **Repeatability:** ±0.5% +8 msec max. with constant temp. **Output Rating:** 1 amp max., solid state, normally open.

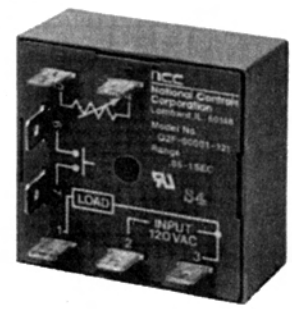
*AC/DC except where noted otherwise.

Mfr. No.	Time Delay Seconds	Input Volts AC/DC*	UL File Number	CSA File Number
Q2F-00001-321	.05-1	120 AC	E65038	33434
Q2F-00005-321	.25-5	120 AC	E65038	33434
Q2F-00010-321	.5-10	120 AC	E65038	33434
Q2F-00060-321	3-60	120 AC	E65038	33434
Q2F-00300-321	15-300	120 AC	E65038	33434
Q2F-00600-321	30-600	120 AC	E65038	33434
Q2F-03600-321	180-3600	120 AC	E65038	33434
Q2F-18000-321	.25-5 hrs.	120 AC	E65038	33434
Q2F-36000-321	.5-10 hrs.	120 AC	E65038	33434
Q2F-00001-325	.05-1	240 AC	E65038	33434
Q2F-00005-325	.25-5	240 AC	E65038	33434
Q2F-00010-325	.5-10	240 AC	E65038	33434
Q2F-00060-325	3-60	240 AC	E65038	33434
Q2F-00300-325	15-300	240 AC	E65038	33434
Q2F-00600-325	30-600	240 AC	E65038	33434
Q2F-03600-325	180-3600	240 AC	E65038	33434
Q2F-18000-325	.25-5 hrs.	240 AC	E65038	33434
Q2F-36000-325	.5-10 hrs.	240 AC	E65038	33434
Q2F-00001-326	.05-1	12 DC	E65038	33434
Q2F-00005-326	.25-5	12 DC	E65038	33434
Q2F-00010-326	.5-10	12 DC	E65038	33434
Q2F-00060-326	3-60	12 DC	E65038	33434
Q2F-00300-326	15-300	12 DC	E65038	33434
Q2F-00600-326	30-600	12 DC	E65038	33434
Q2F-03600-326	180-3600	12 DC	E65038	33434
Q2F-18000-326	.25-5 hrs.	12 DC	E65038	33434
Q2F-36000-326	.5-10 hrs.	12 DC	E65038	33434
Q2F-00001-327	.05-1	24	E65038	33434
Q2F-00005-327	.25-5	24	E65038	33434
Q2F-00010-327	.5-10	24	E65038	33434
Q2F-00060-327	3-60	24	E65038	33434
Q2F-00300-327	15-300	24	E65038	33434
Q2F-00600-327	30-600	24	E65038	33434
Q2F-03600-327	180-3600	24	E65038	33434
Q2F-18000-327	.25-5 hrs.	24	E65038	33434
Q2F-36000-327	.5-10 hrs.	24	E65038	33434

SINGLE SHOT



Input power is applied to the timer at all times. Upon a momentary or maintained closure of a normally open start switch, the load energizes and the time delay starts. At the end of the preset time delay, the load de-energizes and the timer is ready for a new timing cycle.



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