

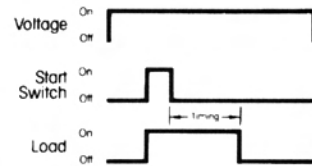
**SERIES Q3 OFF-DELAY TIMERS**

**Power Consumption:** 4W, max. **External Resistance for Max. Time:** 1 megohm. **Time Delay Adjustment:** External resistor; factor 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.

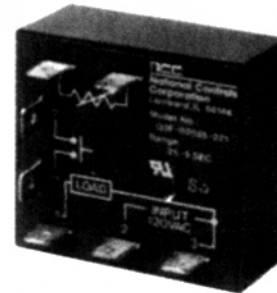
\*AC/DC except where noted otherwise.

Mfr. No.	Time Delay Seconds	Input Volts AC/DC*	UL File	CSA File
Q3F-00001-321	.05-1	120 AC	65038	LR 33434
Q3F-00005-321	.25-5	120 AC	65038	LR 33434
Q3F-00010-321	.5-10	120 AC	65038	LR 33434
Q3F-00060-321	3-60	120 AC	65038	LR 33434
Q3F-00300-321	15-300	120 AC	65038	LR 33434
Q3F-00600-321	30-600	120 AC	65038	LR 33434
Q3F-03600-321	180-3600	120 AC	65038	LR 33434
Q3F-18000-321	.25-5 hrs	120 AC	65038	LR 33434
Q3F-36000-321	.5-10 hrs	120 AC	65038	LR 33434
Q3F-00001-325	.05-1	240 AC	65038	LR 33434
Q3F-00005-325	.25-5	240 AC	65038	LR 33434
Q3F-00010-325	.5-10	240 AC	65038	LR 33434
Q3F-00060-325	3-60	240 AC	65038	LR 33434
Q3F-00300-325	15-300	240 AC	65038	LR 33434
Q3F-00600-325	30-600	240 AC	65038	LR 33434
Q3F-03600-325	180-3600	240 AC	65038	LR 33434
Q3F-18000-325	.25-5 hrs	240 AC	65038	LR 33434
Q3F-36000-325	.5-10 hrs	240 AC	65038	LR 33434
Q3F-00001-326	.05-1	12 DC	65038	LR 33434
Q3F-00005-326	.25-5	12 DC	65038	LR 33434
Q3F-00010-326	.5-10	12 DC	65038	LR 33434
Q3F-00060-326	3-60	12 DC	65038	LR 33434
Q3F-00300-326	15-300	12 DC	65038	LR 33434
Q3F-00600-326	30-600	12 DC	65038	LR 33434
Q3F-03600-326	180-3600	12 DC	65038	LR 33434
Q3F-18000-326	.25-5 hrs	12 DC	65038	LR 33434
Q3F-36000-326	.5-10 hrs	12 DC	65038	LR 33434
Q3F-00001-327	.05-1	24	65038	LR 33434
Q3F-00005-327	.25-5	24	65038	LR 33434
Q3F-00010-327	.5-10	24	65038	LR 33434
Q3F-00060-327	3-60	24	65038	LR 33434
Q3F-00300-327	15-300	24	65038	LR 33434
Q3F-00600-327	30-600	24	65038	LR 33434
Q3F-03600-327	180-3600	24	65038	LR 33434
Q3F-18000-327	.25-5 hrs	24	65038	LR 33434
Q3F-36000-327	.5-10 hrs	24	65038	LR 33434

**DELAY ON BREAK**



Input power is applied to the timer at all times. Upon closure of a normally open isolated start switch, the load energizes and remains so as long as the switch is closed. When the start switch opens, the timing cycle begins. At the end of the preset time delay, the output energizes, and the timer is ready for a new cycle.



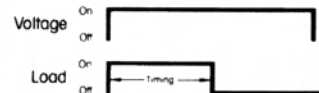
**SERIES Q4 INTERVAL TIMERS**

**Power Consumption:** 3W, 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	CSA File
Q4F-00001-321	.05-1	120 AC	65038	LR 33434
Q4F-00005-321	.25-5	120 AC	65038	LR 33434
Q4F-00010-321	.5-10	120 AC	65038	LR 33434
Q4F-00060-321	3-60	120 AC	65038	LR 33434
Q4F-00300-321	15-300	120 AC	65038	LR 33434
Q4F-00600-321	30-600	120 AC	65038	LR 33434
Q4F-03600-321	180-3600	120 AC	65038	LR 33434
Q4F-18000-321	.25-5 hrs	120 AC	65038	LR 33434
Q4F-36000-321	.5-10 hrs	120 AC	65038	LR 33434
Q4F-00001-325	.05-1	240 AC	65038	LR 33434
Q4F-00005-325	.05-5	240 AC	65038	LR 33434
Q4F-00010-325	.5-10	240 AC	65038	LR 33434
Q4F-00060-325	3-60	240 AC	65038	LR 33434
Q4F-00300-325	15-300	240 AC	65038	LR 33434
Q4F-00600-325	30-600	240 AC	65038	LR 33434
Q4F-03600-325	180-3600	240 AC	65038	LR 33434
Q4F-18000-325	.25-5 hrs	240 AC	65038	LR 33434
Q4F-36000-325	.5-10 hrs	240 AC	65038	LR 33434
Q4F-00001-326	.05-1	12 DC	65038	LR 33434
Q4F-00005-326	.25-5	12 DC	65038	LR 33434
Q4F-00010-326	.5-10	12 DC	65038	LR 33434
Q4F-00060-326	3-60	12 DC	65038	LR 33434
Q4F-00300-326	15-300	12 DC	65038	LR 33434
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Q4F-18000-326	.25-5 hrs	12 DC	65038	LR 33434
Q4F-36000-326	.5-10 hrs	12 DC	65038	LR 33434
Q4F-00001-327	.05-1	24	65038	LR 33434
Q4F-00005-327	.25-5	24	65038	LR 33434
Q4F-00010-327	.5-10	24	65038	LR 33434
Q4F-00060-327	3-60	24	65038	LR 33434
Q4F-00300-327	15-300	24	65038	LR 33434
Q4F-00600-327	30-600	24	65038	LR 33434
Q4F-03600-327	180-3600	24	65038	LR 33434
Q4F-18000-327	.25-5 hrs	24	65038	LR 33434
Q4F-36000-327	.5-10 hrs	24	65038	LR 33434

**INTERVAL**



Upon application of input power, the load energizes and the timing cycle begins. At the end of the preset time delay, the load is de-energized. Reset is accomplished by removal of input power.

