

QPC Quality Products Co., Inc
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Auto-Lube Controller LC102-FF Specifications:

Design will retrofit older 8-pin base timer assemblies

Timer Circuit Input (#1 on terminal strip. Isolated from + Main power IN)
Must match lube pump operating voltage

Voltage: 12.....48 vdc
Tolerance: -15%....+20%
Power Consumption: $\leq 2 W$

Timer Circuit Protection

Surge: IEEE C62.41-1991 Level A
Circuitry: Encapsulated
Isolation Voltage: $\geq 1500 V$ RMS input to output; isolated units
Insulation Resistance: $\geq 100M$ ohms
Polarity: Reverse polarity protected

Time Delay (OFF and ON)

Range: 0.1 to 10.00 minutes
Repeat Accuracy: $\pm 0.5\%$
Tolerance: $\pm 2\%$
ON time first when timer circuit voltage applied.

Relay Output (+P on terminal strip)

Voltage: Same as + Main Power IN on terminal strip. Must match lube pump operating voltage.
Type/Form: Electromechanical relay/SPDT
Rating: 20 amp
Life: Mechanical : 1×10^6
Electrical: 1×10^5
Transient voltage suppression on output contact

Environmental

Operating Temp.:	-40°C....+60°C
Storage Temp.:	-40 °C....+60°C
Humidity:	95% relative, non-condensing
Weight:	0.75 lb.
Dimensions:	4.67”L x 2.70”H x 2.65”D
Enclosure Materials:	Polycarbonate
Enclosure Rating:	NEMA 4X

Terminal Strip Connections

+ : Main positive vdc fused power IN for SPDT relay common contact. 10 amp minimum supply circuit. Must match lube pump operating voltage. Size fuse accordingly: 12 vdc: 7 amp ; 24 vdc: 4 amp.

-- : Main negative vdc power IN. Also provides vdc ground connection for lube pump.

#1: Positive vdc timer circuit signal IN. Must match lube pump operating voltage. Auto-Lube will only cycle when voltage applied to #1 (+ Main power ON).

If cycling of Auto-Lube desired by switching of + Main power IN, place a jumper wire between + Main and #1.

+P: Relay switched Positive vdc power OUT to lube pump.

Warranty

One (1) Year. See Warranty statement.

Specifications subject to change without notice