

# Quicklub® Lubrication Systems

## Electric Grease Pumps—QLS 401 Series



### QLS 401

The QLS 401 features a newly enhanced stirring paddle in the reservoir to prevent grease separation—even with long refill intervals. All components including an internal pressure relief valve are part of the complete package. Standard features include a built-in controller with LED display and keypad for easy programming and monitoring, and a divider block with 6, 8, 12 or 18 outlets. The integrated, all-in-one system concept reduces installation time and costs. The 12 and 24 VDC models are available with bayonet, quarter-turn type plugs for improved protection in mobile applications (optional low-level control).

<b>Operating Voltage:</b>	12 and 24 VDC 120 and 230 VAC, 50/60 Hz
<b>Operating Current:</b>	12 VDC / 2.0 A 24 VDC / 1.0 A 120 VAC / 1.0 A 230 VAC / 0.5 A
<b>Operating Temperature:</b>	-13° to 158°F / -25° to 70°C
<b>Number of Outlets:</b>	6, 8, 12 or 18
<b>Reservoir Capacity:</b>	61 in <sup>3</sup> / 1.0 L / 2.0 L
<b>Protection:</b>	NEMA 4
<b>Lubrication Cycle Time:</b>	AC: 20 min. to 60 hours DC: 4 min. to 6 hours
<b>Number of Cycles:</b>	For VDC: 1 to 5 cycles For VAC – SSV6/SSV8: 1 to 3 cycles For SSV12/SSV18: 1 cycle
<b>Timer Memory:</b>	Indefinite
<b>Max. Operating Pressure:</b>	3000 psig / 205 bar
<b>Output per Outlet &amp; Cycle:</b>	approx. 0.012 in <sup>3</sup> / approx. 0.2 cm <sup>3</sup>
<b>Lubricant:</b>	NLGI 2 grease
<b>Weight</b>	12.5 lbs. / 5.7 kg

### Model Specifications

Model No.	Valve Type	Valve Mount	Volt	Cable
P401 31202574	SSV6	Back	12 VDC	30' / 10m
P401 31402574	SSV6	Back	24 VDC	30' / 10m
P401 42601114	SSV8	Bottom	120 VAC-UL	none
P401 42801114	SSV8	Bottom	230 VAC-UL	none
P401 61202574	SSV12	Back	12 VDC	30' / 10m
P401 61402574	SSV12	Back	24 VDC	30' / 10m
P401 62601114	SSV12	Bottom	120 VAC-UL	none
P401 62801114	SSV12	Bottom	230 VAC-UL	none
P401 91202574	SSV18	Back	12 VDC	30' / 10m
P401 91402574	SSV18	Back	24 VDC	30' / 10m
P401 92601114	SSV18	Bottom	120 VAC-UL	none
P401 92801114	SSV18	Bottom	230 VAC-UL	none



### QLS 401 for Remote Control

The QLS 401 for Remote Control allows customers to be in control of the lubrication process. The 24 VDC models monitor system cycling with a proximity switch. An external timer or PLC controls the interval between lube cycles. The 120 VAC models have no cycle monitoring and are on/off controlled by the user's external timer or PLC. The minimum pause time requirements should be followed when setting up the external controller. (Optional low-level control)

<b>Operating Voltage:</b>	24 VDC 120 VAC, 50/60 Hz
<b>Operating Current:</b>	24 VDC / 1.0 A 120 VAC / 1.0 A
<b>Operating Temperature:</b>	-10° to 158°F / -25° to 70°C
<b>Number of Outlets:</b>	6, 8, 12 or 18
<b>Reservoir Capacity:</b>	61 in <sup>3</sup> / 1.0 L
<b>Protection:</b>	NEMA 4
<b>Minimum Pause Time:</b>	4 min. DC models / 20 min. AC models
<b>Maximum Operating Time:</b>	25 min. DC models / 15 min. AC models
<b>Timer Memory:</b>	Indefinite
<b>Maximum Operating Pressure:</b>	3000 psig / 205 bar
<b>Output per Outlet &amp; Cycle:</b>	approx. 0.012 in <sup>3</sup> / approx. 0.2 cm <sup>3</sup>
<b>Lubricant:</b>	up to NLGI 2 grease
<b>Weight</b>	12.5 lbs. / 5.7 kg

### Model Specifications

Model No.	Valve Type	Valve Mount	Volt
P401 31401110	SSV6	Back	24 VDC
P401 42600110	SSV8	Bottom	120 VAC-UL
P401 61401110	SSV12	Back	24 VDC
P401 62600110	SSV12	Bottom	120 VAC-UL
P401 91401110	SSV18	Back	24 VDC
P401 92600110	SSV18	Bottom	120 VAC-UL