

QLS Pumps 301 and 311



QLS Technical Data

operating pressure	
QLS301	205 bar (3000 psi)
QLS311	80 bar (1160 psi)
reservoir	1 liter - clear plastic / (61 in ³) / 2 Lbs. with low-level control
output per outlet & cycle	approx. 0.2 cm ³ / 0.012 in ³
operating voltage	24 and 12 VDC / 120 and 230 VCA, 50 / 60 Hz (not for QLS321)
operating current	12 VDC / 2.0 A, 24 VDC / 1.0 A, 120 VAC / 1.0 A, 230 VAC / 0.5 A
operating temperature	-25 to 70° C / -13 to 158° F
lubricants	
QLS301	grease up to NLGI 2
QLS311	oil
class of protection	NEMA 4, IP6K9K
number of outlets	1, 6, 8, 12 or 18 (depending on version)
number of cycles or run time	
QLS301/311	1 – 5 cycles for 12/24 VDC, for 120/230 VAC with SSV6/SSV8 1 – 3 cycles, for SSV12, SSV18 1 cycle
remote control models	max. 4 minutes run time
lubrication pause time	
QLS301/311	4 min. to 60 hours for VDC version, 20 min. to 60 hours for VAC version
remote control models	min. 4 minutes
timer memory	indefinite

Accessories for all QLS Series Pumps

Part No.	Description	Kit Size	Lube Fittings Included
550-36791-1	SSV6/8	inch size kit	yes
550-36971-2	SSV12	inch size kit	yes
550-36971-3	SSV18	inch size kit	yes
550-36970-1	SSV6/8	metric size kit	no
550-36970-2	SSV12	metric size kit	no
550-36970-3	SSV18	metric size kit	no