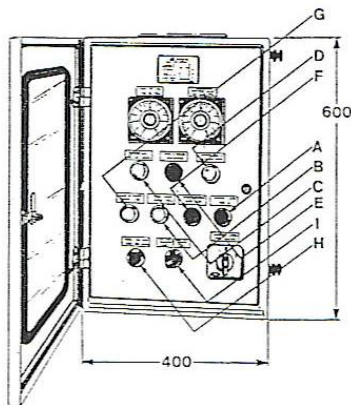


ELECTRIC CONTROL EQUIPMENT FOR LUBRICATION SYSTEMS USING 777 SERIES PUMPS

Dropsa Lubrication System Controllers have been designed in order to provide a complete lubrication system that automatically controls the pump and monitors the installation providing fault detection.

CONTROL EQUIPMENT FOR DUAL-LINE SYSTEMS



The control equipment, enclosed in a robust metal case with IP55 protection, is available in different configurations to allow for electric or hydraulic control of the 777 pumps.

There are two yellow lamps (B and G) which signal minimum level and maximum level of the tank, two white lamps (C and D) which signal line 1 and line 2 pressure, and one red alarm lamp which is activated when a lubrication cycle does not complete within the preset time.

The Green lamp (A) lights when power is applied, while the blue lamp (E) indicates pump on.

The reset push-button (H) cancels the alarm when active, and a selector switch (I) allows the system to run in a continuous or timed mode.

Two electromechanical timers allow the user to quickly and easily set and adjust the cycle and pause time. The minimum and maximum cycle and pause time can be further adjusted by selecting different time scales. Should the power fail the timers will automatically continue from the state before power failure and will not reset.

Pause Timer

Scale	Step	Minimum setting
48 min	48 sec	96 sec
120 min	2 min	4 min
240 min	4 min	8 min
12 ore	12 min	24 min
24 ore	24 min	48 min

Cycle timer

Scale	Step	Minimum setting
12 min	12 sec	24 sec
30 min	30 sec	1 min
1 ora	1 min	2 min
3 ore	3 min	6 min
6 ore	6 min	12 min

TECHNICAL SPECIFICATIONS

Input AC Voltage 220-380-415-500V / 50Hz

Auxiliary circuit: 110V / 50 Hz

Part N.	Characteristics electric equipment
1641295	For 777 pumps with mechanical inverter
1638489	For 777 pumps with hydraulic inverter
1638488	As part N. 1638489, but with audible indicator
1638450	As part N. 1638489, but explosion proof execution

CONTROL EQUIPMENT FOR PROGRESSIVE SYSTEMS

The control equipment, enclosed in a robust metal case with IP55 protection, is fitted with an electronic timer to set the pause time and an electromechanical timer to set the cycle time (pump cycle time).

The standard control system allows a maximum pause time of one hour which can be adjusted in steps of 2.5 minutes. It is possible to obtain a pause time of up to 8 hours (adjustable in 20 minute steps) or 24 hours (adjustable in 1 hour steps) by specifying at time of order, or by modifying the timer connections.

The Cycle time is adjustable from 0 to 12 minutes (in steps of 12 seconds). Signal lamps warn the user of low level and incorrect operation.

A Reset button cancels the alarm signals when active and a second button allows the user to start a lubrication cycle manually.

Part N.	Voltage
1636115	110V - 50 Hz
1636128	110V - 60 Hz
1636116	220V - 50 Hz
1636353	220V - 50 Hz