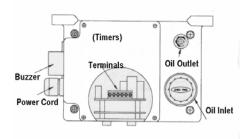
CESD Auto Lub. Pump 110v or 220v

	Specification:				
		Action Time	3-60 Second (2.2cc/Sec)		
		Intermittent Timer	0.1Min 180 Min.		
ACT 4 APT INT 4 WR.	Timer	Buzzer	Low oil level		
		Floating	Normal Closed or		
		Switch	Normal Open		
		Output	Max. 3A 250VAC		
	Reservoir	2 Liter			
	Pump	Discharge Volume	0.13 L/Min(2.2cc/Sec. Max)		
		Discharge Pressure	8 Kg/Cm ² (8 bar Max.)		
And the second s	<u>Motor</u>	Voltage /Hz	110 V, 50/60 Hz ,1 ø 220 V, 50/60 Hz ,1 ø		
		Current	1.6 A (110v) 0.6 A (220v)		
			12 W x 2 Pole		
	Viscosity (40°C)		32- 190 cst		
	Weight	7 Lb (3.2 kg.)			

Operation Instruction for CESD – Type Oil Pumps:

- Fill oil into the reservoir prior connecting power.
- Push the "F" key to feed oil for the first time.
- "F" key on the front panel is for manual oil feeding. Press & hold to pump oil manually.
- Set action timer (ACT) ---Pumping volume (3- 60 seconds) (2.2 c.c. / sec.). For example, if the setting is in 10 sec. (oil volume: 10 sec. x 2.2 c.c. = 22 c.c.)
- Set intermittent timer (INT) --- Cycle timer in minuets (0.1 to 180 min.) For example, if the setting is in 30 minuets the pump will pump oil every 30 minuets.
- Please refill clean oil at once when the oil level is below the minimum level to avoid pumping air into the pipes.
- Use correct voltage input. 110 v or 220v single phases.
- The buzzer will go off when the oil level is low, add oil immediately.

Wiring Diagrams



 Output Floating Switch			Ground	Power		
(A) NO	(B) NC	СОМ	(P.E) GND	POWER		
\otimes	\otimes	\otimes	\otimes	\otimes	\otimes	
Normal Close Normal Open Common			110V or 220V Single Phase			