

Universal Control Unit UC-2A is new type controller that designed for centralized lubrication system's control for chain lubrication like conveyor belt and escalator etc.

**Compact size controller offers complete control function:**

- ◆ Compact size, can be installed in a small space. Two separate PCBA design makes it convenient and flexible for installing.
- ◆ COUNTER mode for LUBE and a free choice of TIMER and COUNTER for PAUSE to meet chain lubrication control requirement.
- ◆ Adjustable pitch ratio. User may adjust magnetic pump's action to adapt to different chain speeds.
- ◆ Lubricant level monitoring function and state signal output ensures the high reliability of lubrication control.

**Convenient and easy operation**

- ◆ Displays information with 4 digits LED digital monitor, it is easy to use.
- ◆ LED signal lights indicate system-working status clearly.
- ◆ Film keypad operation with 3 keys. Comfortable hand feeling. Easy and quick parameter setting improves operational efficiency.

**Designed for industry environment**

- ◆ Can work steady under a complicated power supply condition. The surge, sink, brief interruption and superposed strong interference of the industry power supply will not

negative influence on UC-2A.

- ◆ Aborative electromagnetic compatibility (EMC) design enables UC-2A can work reliable in complicated electromagnetic environment and does not bring out harmful electromagnetic noises.
- ◆ Excellent acclimatization. Can work in a wide temperature range from -30℃ to 70℃. Operation panel is designed with “O” seal groove cavity, which enables the protection level can reach IP65 with proper mounting structure.

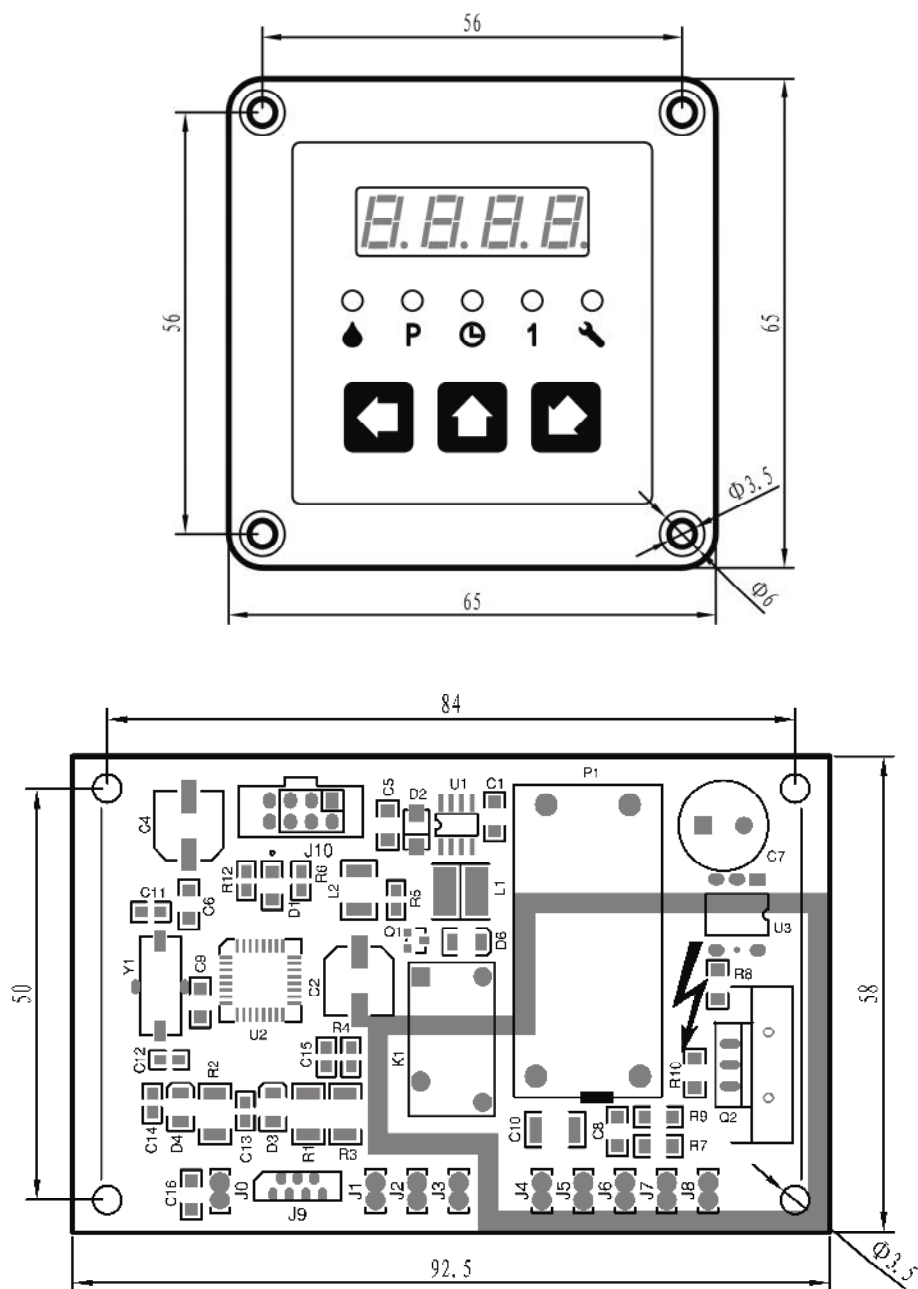
### **High reliability on design and manufacture**

- ◆ Design complies with industrial application standard makes UC-2A can work 24 hours continuously at high load.
- ◆ Control modes and parameters are stored in EEPROM for a long time without backup power support. UC-2A was especially improved EEPROM parameter correction function, which improves the high reliability of lubrication control.
- ◆ Main electronic components are all Industrial level and high-temperature ageing and stability treated; ensure the reliability of the whole control unit.
- ◆ SMT manufacturing technique with reinforcement treatment enables UC-2A can work stable even under severe vibration condition.

### **Technical Specification of Universal Control Unit UC-2A**

Rated working voltage	90V~250V, 45~65Hz
Max. output	3A
Pump electrifying impulse time	0.2 s
Lubrication counting range	1~9999
Pause time range	0~999.9 h
Pause counting range	0~999 999
Pitch jump range	1:1~1:99
External input signal	10V ~30V DC, input equivalent resistance12k
Fault relay output	250V AC, 5A Max, N.O.
Operation temperature	-30℃~70℃

- I For technical improvement reason, we may change our product's technical specification at any time without prior notice.



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