

# Timer/Counter/Tachometer

## TC-Pro48 Series



### OVERVIEW



- ▲ Highly visible display with backlit LCD
- ▲ Conform to the key design of ergonomics
- ▲ Five key protection modes: KP-1~5
- ▲ EEPROM (overwrites: 100,000 times min.)
- ▲ 12VDC external supply power
- ▲ Applied to connect PC/HMI/PLC/DCS
- ▲ Free PC software "TC-SOFT"
- ▲ Support Modbus Protocol
- ▲ Support RS-232/485/422

HM 1503

### Technical specifications

| Type                     | TC-Pro482x                                                                                                                                                       |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification           | Digital Timer/Counter /Tachometer                                                                                                                                |
| Supported configurations | Timer, Dual Timer, 2-Stage Timer, 1-stage counter, 2-stage counter, total counter, batch counter, dual counter, and tachometer                                   |
| Operating voltage range  | 100~240VAC(50/60HZ), 24VDC                                                                                                                                       |
| Installation             | Flush mounting (DIN rail on request)                                                                                                                             |
| Max. counter speed       | 30HZ or 5KHZ (10KHZ for Tachometer)                                                                                                                              |
| Timer mode               | Elapsed time (UP), Remaining time (down) (selectable)                                                                                                            |
| Input method             | No-voltage input : ON impedance : 1k Ohm max.<br>Voltage Input : High(logic) level : 4.5~30 VDC Low(logic) level : 0~2 VDC (Input resistance: approx. 4.7 k Ohm) |
| Interface                | RS-232/485/422                                                                                                                                                   |
| Control output           | Relay contact output: 5A at 250 VAC<br>Transistor output: NPN open collector, max. 100mA at 30 VDC                                                               |