



Features:

- Dual Display, 4 digit, 7 segment LED
- LED Status Indicator: Relay 1, Relay 2, Seconds, Minutes, Hours
- 2 Setpoints
- Programmable Input Scaling
- Down Counting for Timer, UP / Down Counting for Counter
- Batch Counting

Size: 1/16 DIN 48mm X 48mm

Certifications: CE  RoHS

Technical Specifications

Input Specifications

Sensor Type	NPN / PNP
Input Type	Voltage pulse (3 to 30V DC) from Proximity switches, Solid state devices, Potential free contact encoder
Input Speed	a) 3Hz, b) 30Hz c) 5kHz
Accuracy	Time: $\pm 0.05\%$ of setting Counter: ± 0 counts
Scale Factor	0.001 to 9.999×10^n $n = -3, -2, -1, 0, 1, 2$
Reset	Front, Remote, Power interruption

Output specifications

Sensor Supply	Inbuilt, 12V DC, 30mA (short circuit protected)
Output	2 SPST (2 NO)
Relay Rating	5A @ 230V AC

Functional Specifications

Operating Modes	Timer: ON delay, Interval, Cyclic ON first, Cyclic OFF first, Batch Counter: ON delay, Interval, Auto reset, Time pulse Repeat, Batch
Range	Timer: 0-99.99 / 0-999.9 / 0-9999 sec 0-99.59 min:sec, 0-999.9 / 0-9999 min, 0-99.59 hr:min, 0-999.9 / 0-9999 h Counter: -999 to 9999 counts
Counting Direction	Timer: Down Counter: Up / down
Memory Retention	Yes

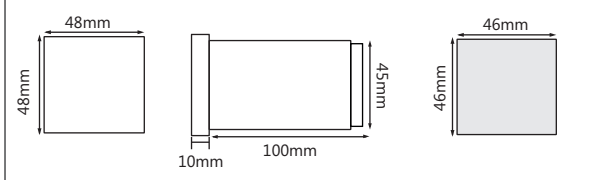
Supply Voltage

Supply voltage	85 to 270V AC/DC (50 / 60Hz)
Power Consumption	5VA max

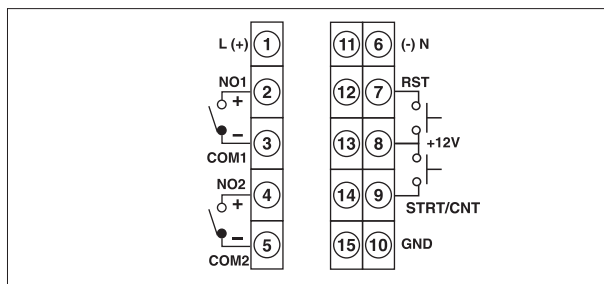
Environmental Specifications

Temperature / Humidity (non-condensing)	Operating: 0 to 50°C Storage: -20 to 75°C, 95% RH
Weight	170 gms (0.374 lbs)
Protection Level	IP65 for faceplate

DIMENSIONS



Terminal Connections



 Cable Size (AWG): 13; Stud Hole for Lug (inch): 0.137; Tightening Torque (Lb-inch): 7

Ordering Information

Part NO.	Supply Voltage	Certification
385AR-100-T5X	85 to 270 V AC/DC	CE 

24 V AC/DC Model Available:
Please Consult Factory