



## 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

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

### Output specifications

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

### Functional Specifications

<b>Operating Modes</b>	Timer: ON delay, Interval, Cyclic ON first, Cyclic OFF first, Batch Counter: ON delay, Interval, Auto reset, Time pulse Repeat, Batch
<b>Range</b>	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
<b>Counting Direction</b>	Timer: Down Counter: Up / down
<b>Memory Retention</b>	Yes

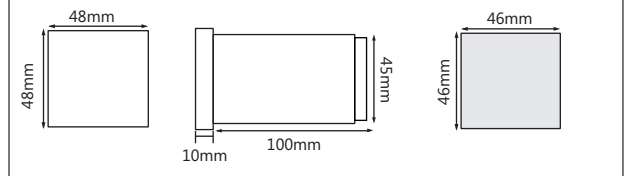
### Supply Voltage

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

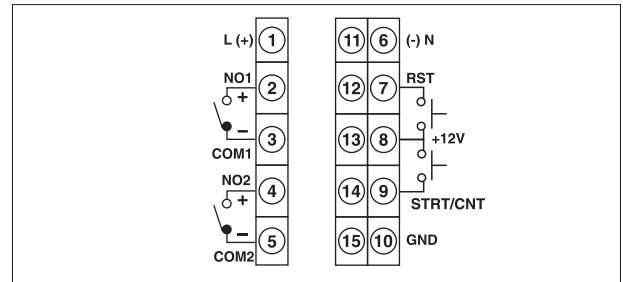
### Environmental Specifications


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

24 V AC/DC Model Available:  
Please Consult Factory