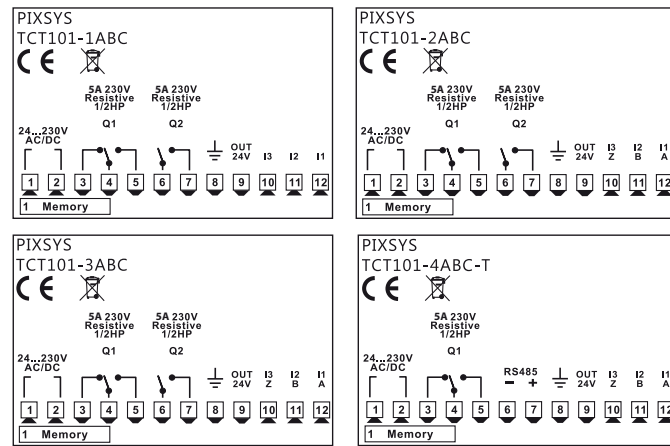


WIRING PLAN



TCT101



Timer - Counter - Tachometer - Multi-function device + RS485

Main features

Box	32x74 (front panel) x 53 mm
Power supply	24..230Vac/Vdc $\pm 15\%$ 50/60 Hz
Consumption	3 VA
Display	4 digits 0,4" green + 4 digits 0,3" red
Operating conditions	Temperature 0-45 °C, humidity 35..95 RH%
Material	Box: Noryl UL94V1 self-extinguishing; Front panel: PC ABS UL94V0 self-extinguishing
Weight	Approx. 100 g
Sealing	Front panel IP65 (with gasket), Box IP30, Terminal blocks IP20
Quick set-up options	Memory Card with / without battery, software LabSoftView

Inputs

3 Digital	Selectable as NPN - PNP - TTL, both high/low/rising edge level
Input I3	Input selection by potentiometer 5/10 KOhm for entering of setpoint value (resolution 1000 points)

Outputs

1/2 Relays	2 Relays 5A - 250 Vac resistive charge (codes -1/2/3) 1 Relay 5A - 250 Vac resistive charge (codes -4ABC-T)
Serial communication	RS485 Modbus RTU - Slave (code -4ABC-T)

Software features

Timer input selection	Start, Stop, Hold, Reset, Wait
Ranges	Programmable time bases (s/100 , s/10 , s, min , hours)
Counter input selection	Up, Down, Lock, Hold
Counting frequency	Incremental/Decremental up to 100Khz
Counter functions	Count frequency visualization on red display for Flowmeter function
Tachometer input selection	For mono/bi-directional Push/Pull or Line/Driver encoders up to 100Khz
Tachometer functions	Maximum / Minimum peak
Data protection	Parameters protected by password

Ordering codes

TCT101-1ABC	Timer - settable in 5 modes
TCT101-2ABC	Counter - incremental, decremental or bi-directional (encoder)
TCT101-3ABC	Tachometer - for Push-Pull / Line-Driver encoders (mono/bi-directional)
TCT101-4ABC-T	Timer / Counter / Tachometer - with RS485 Modbus RTU/slave serial communication