



- Countdown timer
- 1 change-over relay
- Max. time  
TC 14.21: 09:59:59 hh:mm:ss  
TC 24.21: 99:59:59 hh:mm:ss
- Repeatability accuracy 100%
- Time set accuracy 1 sec.
- Output rating 8 A / 230 VAC
- Inputs for start and stop (230 VAC)
- Start stop button
- Optical and acoustic signal on completion of time
- Easy to program and operate
- Special functions / models on request

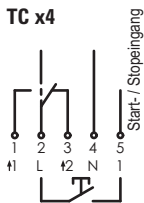
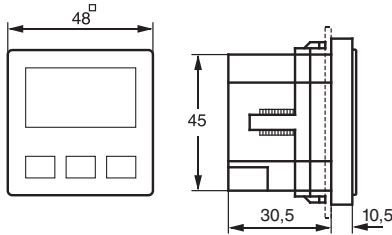
Save time

switching controlling counting

Highlights

- Easy and quick adjustment of the runtime
- Power Fail Security (unlimited data storage by E<sup>2</sup>-PROM)

Timers TC 14 · TC 24 for panel mounting



Technical data

<b>Supply voltages</b>	230 V, 50–60 Hz other voltages on request
<b>Power consumption (real power)</b>	0.7 W
<b>Channel (phase voltage)</b>	Change-over (monostable), contact gap < 3 mm (μ)
<b>Contact material</b>	AgNi
<b>Switching capacity</b>	8 A / 230 V~ at cosφ=1 6 A with inductive load cosφ=0.6
<b>Min. switching power</b>	300 mW (5 V / 5 mA)
<b>Input</b>	Start/Stop (phase voltage)
<b>Maximum set time</b>	TC 14: 09:59:59 hh:mm:ss TC 24: 99:59:59:hh:mm:ss
<b>Minimum set time</b>	1 sec.
<b>Accuracy of reading</b>	1 sec.
<b>Time base</b>	Quartz
<b>Accuracy (at 20°C)</b>	≤ ±0.1 sec./hour
<b>Data storage</b>	unlimited (E <sup>2</sup> -PROM)
<b>Display</b>	LCD; 15 mm (7.5 mm) high numerals
<b>Permitted ambient temperature</b>	-5°...+50°C
<b>Enclosure</b>	self extinguishing thermoplastic
<b>Dimensions</b>	48 x 48 mm (to DIN EN 43700)
<b>Panel mounting</b>	With terminal cover 46 x 46 mm
<b>Type of connection</b>	Screw clamps
<b>Type of protection</b>	IP 20 to DIN EN 60529
<b>Class of protection</b>	II when installed according to regulations

Accessories

Trim 55 x 55 mm  
190.003

Mask Ø 72 (for flush-mounting-Ø 60)  
190.008



Mask 72 x 72 mm  
190.004



Mask Ø 72 (for flush-mounting-Ø 50,5)  
190.009



Order number	Output	Input	Range
TC 14.21	1	Start/Stop	09:59:59 hh:mm:ss
TC 24.21	1	Start/Stop	99:59:59 hh:mm:ss

✓ Housing colour