

- 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 8A / 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

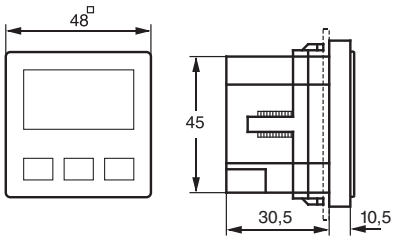
Save time — switching controlling counting

Timers TC 14 · TC 24

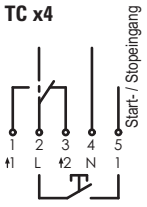
for panel mounting

Highlights

- Easy and quick adjustment of the runtime
- Power Fail Security
  (unlimited data storage by E²-PROM)



TC x4



Technical data

Supply voltages	230 V, 50–60 Hz other voltages on request
Power consumption (real power)	0.7 W
Channel (phase voltage)	Change-over (monostable), contact gap < 3 mm (μ)
Contact material	AgNi
Switching capacity	8 A / 230 V~ at cosφ=1 6 A with inductive load cosφ=0.6
Min. switching power	300 mW (5 V / 5 mA)
Input	Start/Stop (phase voltage)
Maximum set time	TC 14: 09:59:59 hh:mm:ss TC 24: 99:59:59:hh:mm:ss
Minimum set time	1 sec.
Accuracy of reading	1 sec.
Time base	Quartz
Accuracy (at 20°C)	≦ ±0.1 sec./hour
Data storage	unlimited (E²-PROM)
Display	LCD; 15 mm (7.5 mm) high numerals
Permitted ambient temperature	–5°…+50°C
Enclosure	self extinguishing thermoplastic
Dimensions	48 x 48 mm (to DIN EN 43700)
Panel mounting	With terminal cover 46 x 46 mm
Type of connection	Screw clamps
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations

Accessories

Trim 55 x 55 mm
190.003



Mask 72 x 72 mm
190.004



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



Mask ∅ 72 (for flush-mounting-∅ 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

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