

# COUNT DOWN TIMERS / RELAYS

müller TC x4.21



## Overview

- Countdown timer
- Max. time: TC 14.21: 09:59:59 hh:mm:ss
- Max. time: TC 24.21: 99:59:59 hh:mm:ss
- 1 change-over relay
- Repeatability accuracy 100%
- Time set accuracy 1 sec.
- Output rating 8 A / 230 V AC
- Inputs for start and stop (230 V AC)
- Start and stop button
- Optical and acoustic signal on completion of time
- Easy to program and operate
- Unlimited data security by E<sup>2</sup>-PROM
- Special functions / models on request

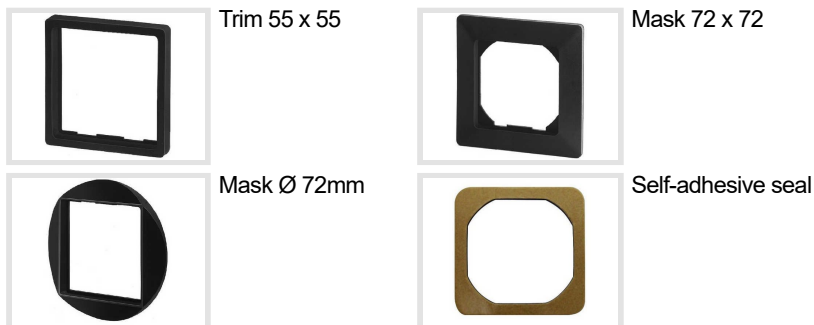
## Supply voltage versions

- 230 V 50-60 Hz
- 115 V 50-60 Hz
- 24 V ACDC (only TC 24.21)

## Order numbers

■ müller	
TC 14.21	9:59:59 hh:mm:ss
TC 24.21	99:59:59 hh:mm:ss

## Accessories



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### Order information

	Voltage	EAN	Art. No.
<b>TC 14.21</b>	230 V 50-60 Hz	4022709214393	21439
<b>TC 24.21</b>	230 V 50-60 Hz	4022709220530	22053
<b>TC 24.21</b>	24 V ACDC	4022709214416	21441

Other supply voltage versions on request

### Technical data

Supply voltages	230 V, 50–60 Hz
Power consumption (real power)	0,7 W
Channel (phase voltage)	Change-over (monostable), contact gap < 3 mm ( $\mu$ )
Contact material	AgNi
Switching capacity	
resistive load:	8 A / 250 V~ at $\cos\phi=1$
inductive load:	6 A at $\cos\phi=0,6$
Min. switching power	300 mW (5 V / 5 mA)
Max. starting current	30 A
Filament Lamp, Halogen Lamp	400 W
Fluorescent Lamp with electron. lamp ballast	100 W
Fluorescent Lamp with convent. lamp ballast	100 W
LED (230 V~) / CFL	50 W
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
Quartz accuracy (at 20 °C)	$\leq \pm 0,5$ Sec./day (Quartz accuracy optimized for typical ambient conditions)
Data storage	unlimited (E <sup>2</sup> -Prom)
Display	LCD 15 mm (7,5 mm) high numerals
Permitted ambient temperature	-10...+50 °C
Housing	self extinguishing thermoplastic
Dimensions	48 x 48 mm (to DIN EN 43700)
Mounting	Panel
Mounting aperture	Square: 45 x 45 mm Circle: $\varnothing$ 50,5 mm
Type of connection	Screw clamps
Type of protection	IP 20 to DIN EN 60529
Class of protection	II when installed according to regulations

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