› Electronic Counters
Hour Counter
CTR24

- Display: 8-digit LCD, height 8 mm
- Built-in module for voltage inputs 10 →260 V~
- 4 timing ranges: 99.999.99 hrs - 99.999.59 hrs - 999.999.9 s - 9.999 hrs 59 min 59 s
- Powered by a lithium battery, service life 8 years
- Reset on panel or external with inhibition option
- Accessories for 50 x 25 mm cut-out
- Highly resistant to shocks and impacts
- Excellent visibility due to the large digit size

CTR24

Product selection			
Model	**Type**	**Functions**	**Part Number**
CTR24 with orange backlighting	**2324**	Hour counter, voltage input	**87622190**

Accessories	
Description	**Part Number**
Adaptor for 50 x 25 mm cut-out - Fixed with screws	**26546843**
Adaptor for 50 x 25 mm cut-out - Fixed with screws	**26546844**
DIN rail adaptor	**26546840**
Clip-fixing kit (supplied with the product)	**26546848**

General characteristics	
Physical details and protection	
Consumption	Backlighting: 24 V⎓ ± 20 % 50 mA
Connection by 8 screw terminals at rear of casing	●
Connection capacity	1.5 mm²
Fixed using bracket	●
Degree of protection front face	IP 65
Temperature limits use (°C)	-10 →+60
Temperature limits stored (°C)	-20 →+70
Breakdown voltage	According to EN 610110-1: 2000 V/50 Hz/1 min.
Conformity to standards	EN 61000-6-2 - EN 55011 class B
Altitude (m)	2000
Certifications	UL - cULus - CE
Weight (g)	50

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Description:

Crouzet Hour Meters, accurate and durable solutions for time measurement needs

Crouzet's hour meters are reliable electronic devices designed for measuring and recording time in industrial applications.

Crouzet's hour meters accurately track the duration of operation, providing essential information for maintenance scheduling and equipment monitoring.

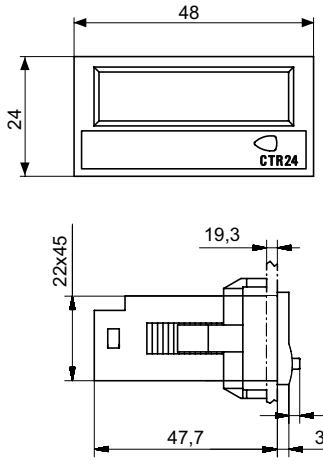
For more information about: please visit www.crouzet.com

Operating characteristics	
Function	Hour counter
Display	8-digit LCD
Height digits (mm)	8
Time ranges	0 →99 999.99 h 0 →99 999.59 h 0 →9 999 999.9 s 0 →9 999 h 59 min 59 s
Input impedance	●
Input 2324	
One start/stop input Two voltage levels (terminals 3-6)	●
Voltage - Terminals 1-2	10 → 260 V≂
Input impedance	160 kΩ
Minimum pulse time DC (ms)	100
Minimum pulse time AC (ms)	100
Low level	0 → 2 V≂
High level	10 → 260 V≂
Reset to zero - External 2324	
Voltage - Terminals 2-3	●
Minimum pulse time (ms)	16
Low level	0 → 2 V≂
High level	10 → 260 V≂
Reset to zero - Panel	
Reset via	Inhibited: Terminals 4-6 not connected Active: Terminals 4-6 connected
Supply	
1 lithium battery - Life (years)	8

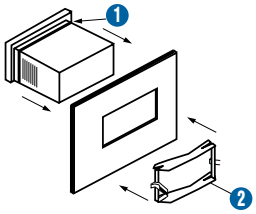
Dimensions (mm)

Panel Mounted

CTR24

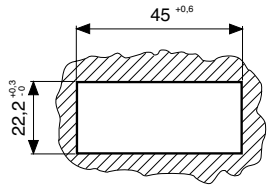


Fixing strip with clip-on yoke

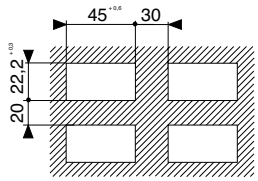


1 Seal
2 Fixing yoke

Panel Cut-out

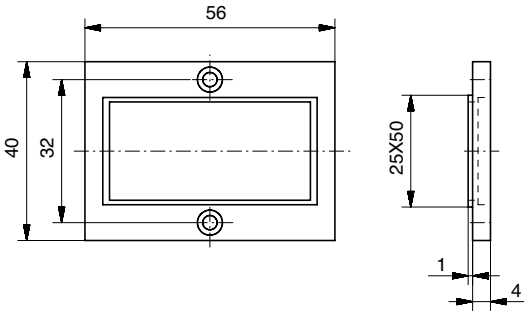


4 appliances

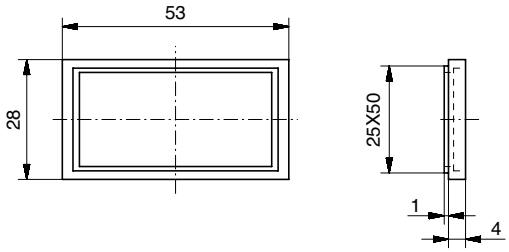


Accessories

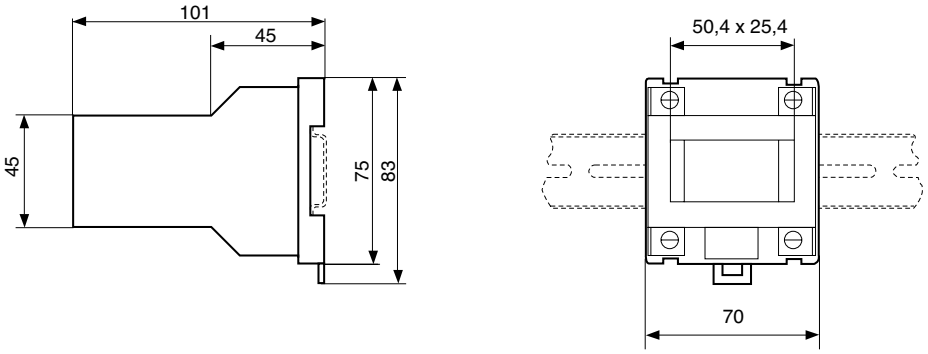
26546843 - Adaptor for 50 x 25 mm cut-out - Fixed with screws



26546844 - Adaptor for 50 x 25 mm cut-out - Fixed with clips



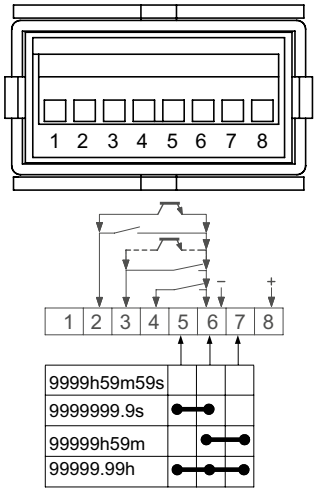
26546840 - DIN rail adaptor



Accessory supplied with the counter

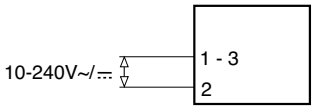
Connections

2324

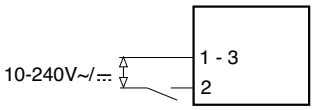


1. Start/Stop input
2. AC/DC common
3. Reset input
4. Enable panel reset
5. Mode 1 (Time selection)
6. 0 V common/ (BL- only 23xx)
7. Mode 2 (Time selection)
8. Backlighting option + 24 V⎓ (only 2324)

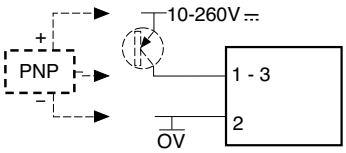
Start/Stop or reset input - Contact supplied with power



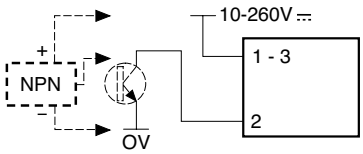
Start/Stop or reset input PNP Transistor or 3-wire PNP proximity sensor for leakage current detector < 1 mA



Start/Stop or reset input NPN Transistor or 3-wire NPN proximity sensor for leakage current detector < 1 mA



Start/Stop or reset input:
2-wire proximity sensor R=470 Ω/2 W
for 2-wire leakage current detector ≤ 1 mA



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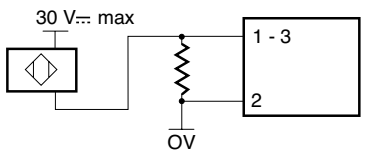

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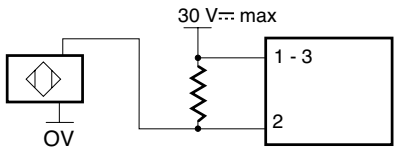

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