



CTR24 Electronic Hour Counter



CROUZET CTR24 Electronic Hour Counter User Guide

[Home](#) » [CROUZET](#) » CROUZET CTR24 Electronic Hour Counter User Guide 

Contents

- [1 CROUZET CTR24 Electronic Hour Counter](#)
- [2 ELECTRONIC COUNTERS](#)
- [3 Counter Features](#)
- [4 ELECTROMECHANICAL](#)
- [5 PNEUMATIC COUNTERS](#)
- [6 Frequently Asked Questions](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)



CROUZET CTR24 Electronic Hour Counter



Count the number of parts, events, or actions or the running time of equipment, to inform or trigger an action or intervention. Very useful for scheduling preventive maintenance on machines or production lines.

ELECTRONIC COUNTERS

Type	Visualization	Inputs	Output	Power Supply	
	LCD	PNP	-	10-260 VAC/DC	
	LCD	NPN		Battery	
	LCD	Voltage			
	Backlight LCD				
	LCD	PNP	-	10-260 VAC/DC	
	LCD	NPN		Battery	
	LCD	Voltage			
	Backlight LCD	PNP			
	Backlight LCD	Voltage		Battery	
Multifunction 1* (Impulse Counter, Hour Counter, Ratemeter)	LED	NPN or PNP	-	10-30 VDC	
	Backlight LCD	PNP/NPN/Voltage	1 · 1 x 3 A (Changeover)	10-30 VDC	
	Backlight LCD			230 VAC	
	Backlight LCD	PNP/NPN/Voltage	2 · 1 x 5 A (Changeover) + · 1 x 30 mA (SSR)	10-30 VDC	
	Backlight LCD			24 VAC	
	Backlight LCD			90-260 VAC	
	LED	PNP/NPN/Voltage	2 · 1 x 5 A (Changeover) + · 1 x 30 mA (SSR)	10-30 VDC	
	LED			24 VAC	
	LED			90-260 VAC	
	Backlight LCD	PNP/NPN/Voltage	4 · 1 x 5 A (Changeover) + · 1 x 5 A (N/O) + · 2 x 30 mA (SSR)	10-30 VDC	
	Backlight LCD			24 VAC	
	Backlight LCD			90-260 VAC	
	LED	PNP/NPN/Voltage	4 · 1 x 5 A (Changeover) + · 1 x 5 A (N/O) + · 2 x 30 mA (SSR)	10-30 VDC	
	LED			90-260 VAC	

Counter Features

- Great visualization, either by LCD screen, LED screen or Mechanical Dials
- Hour Counters, Impulse Counters, Preselection, Chronometer, Ratemeter
- Many Options: Electronic and Electromechanical, Clip or Screw Mounting, different sizes and supply

	Size	Digits	Fixing	Designation	Part Number
	48 x 24 mm	7 Digits	Clip	CTR24	87 622 161
					87 622 162
					87 622 170
					87 622 190
	48 x 24 mm	8 Digits	Clip	CTR24	87 622 061
					87 622 062
					87 622 070
					87 622 081
					87 622 090
	48 x 24 mm	6 Digits	Clip	CTR24L	87 623 570
	48 x 48 mm	6 Digits	Clip	CTR48E	87 629 111
					87 629 114
	48 x 48 mm	6 Digits	Clip	CTR48	87 621 111
					87 621 112
					87 621 115
					87 621 211
					87 621 212
					87 621 215
	48 x 48 mm	6 Digits	Clip	CTR48	87 621 121
					87 621 122
					87 621 125
					87 621 221
					87 621 225

ELECTROMECHANICAL

	Type	Visualization	Input	Output	Power Supply	
	Hour Counter	Mechanical Dial	-		90-264 VAC	
	Hour Counter	Mechanical Dial	-	-	10-80 VDC 4-36 VAC/DC	
	Hour Counter	Mechanical Dial	-	-	90-264 / 270-460 VAC 4-36 VAC/DC 10-80 VDC	
	Impulse Counter	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 48 VDC 110 VDC	
	Impulse Counter	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 48 VDC 110 VDC	
	Impulse Counter + Reset	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 48 VDC 110 VDC	
	Impulse Counter + Reset	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 48 VDC 110 VDC	
	Impulse Counter + Reset	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 110 VDC	
	Impulse Counter + Reset	Mechanical Dial	-	-	230 VAC 24 VAC 24 VDC 48 VDC 110 VDC	

PNEUMATIC COUNTERS

	Type	Function	Information	
	Impulse Counter	Mechanical Dial	See page 26 - 92	

	Size	Digits	Fixing	Designation	Part Number
	48 x 48 mm	6 Digits	Clip	CHM48	99 772 602
	40 x 27 mm	6 Digits	Clip	CHM40x27	99 783 810 99 783 710

	93 x 36 mm	6 Digits	DIN Rai	CHMDR	99 793 714N
					99 793 710N
					99 793 810N
	56 x 29 mm	6 Digits	Clip	CIM56x29	99 774 608
					99 774 603
					99 774 602
					99 774 604
					99 774 606
	56 x 46 mm	6 Digits	Screw	CIM56x46	99 775 609
					99 775 604
					99 775 603
					99 775 606
					99 775 608
	56 x 29 mm	6 Digits	Clip	CIM56x29	99 774 618
					99 774 613
					99 774 612
					99 774 614
					99 774 616
	56 x 46 mm	6 Digits	Screw	CIM56x46	99 775 619
					99 775 613
					99 775 612
					99 775 615
					99 775 617
	46 x 46 mm	4 Digits	Screw	CIM46	99 775 418
					99 775 413
					99 775 412
					99 775 416
	42 x 29 mm	4 Digits	Clip	CIM42x29	99 774 418
					99 774 413
					99 774 412
					99 774 414
					99 774 416

PNEUMATIC COUNTERS

	Type	Function	Information	
	Impulse Counter + Reset	Mechanical Dial	See page 26 - 92	

Frequently Asked Questions

- **Q: How do I reset the count on the counters?**

A: To reset the count on the counters, refer to the specific reset instructions provided in the user manual for each counter type.

- **Q: Can I use different power supplies for the counters?**

A: The counters have specific power supply requirements mentioned in the specifications. It is recommended to use the designated power supplies for optimal performance and accuracy

Documents / Resources

	CROUZET CTR24 Electronic Hour Counter [pdf] User Guide CTR24, CTR24L, CTR48E, CTR48, CTR48, CTR24 Electronic Hour Counter, CTR24, Electronic Hour Counter, Hour Counter
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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