



**Electric Automation**  
Automation specialists

Reference: E234CT-MFD  
Code: 1SVR500020R0000

CT-MFD.12 Time relay, multifunction 1c/o,  
24-240VAC 24-48VDC

Buy it at [Electric Automation Network](#)



The CT-MFD.12 is a multifunction electronic time relay from the CT-D timer range. It provides 7 timing functions with 7 time ranges from 0.05 s to 100 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 1 c/o (SPDT) output rated at 250 V / 6 A. A control input works with voltage-related (non-floating) triggering.

### Ordering

EAN:	4013614350634
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

### Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	89 mm
Package Level 1 Length:	20 mm
Package Level 1 Height:	65 mm
Package Level 1 Gross Weight:	0.065 kg

### Dimensions

Product Net Width:	17.5 mm
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Product Net Height:	70 mm
Product Net Depth:	63 mm
Product Net Weight:	0.053 kg

## Technical

Timer Relay Type:	Multifunction ON-Delay OFF-Delay Impulse-ON Impulse-OFF Flasher Starting with ON Flasher Starting with OFF Pulse Generator
Time Range:	0.05 s - 100 h
Rated Control Supply Voltage (U <sub>s</sub> ):	24 ... 240 V AC 24 ... 48 V DC
Output:	1 c/o (SPDT) contact
Terminal Type:	Screw Terminals
Rated Operational Current AC-12 (I <sub>e</sub> ):	(230 V) 6 A
Rated Operational Current DC-12 (I <sub>e</sub> ):	(24 V) 6 A
Rated Operational Current DC-13 (I <sub>e</sub> ):	(24 V) 1 A
Degree of Protection:	Housing IP50 Terminals IP20
Overvoltage Category:	III
Pollution Degree:	3
Short-Circuit Protective Devices:	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Connecting Capacity:	Flexible 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 1x 0.5 ... 4 mm <sup>2</sup> Rigid 2x 0.5 ... 1.5 mm <sup>2</sup>
Tightening Torque:	0.5 ... 0.8 N·m
Wire Stripping Length:	7 mm
Mounting Position:	Any
Mounting on DIN Rail:	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Standards:	IEC 61812-1 EN 61812-1 + A11 DIN VDE 0435 part 2021

## Environmental

Ambient Air Temperature:	Operation -20 ... +60 °C Storage -40 ... +85 °C
RoHS Status:	Following EU Directive 2011/65/EC

## Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Output Circuit 300 V AC
Contact Rating UL/CSA:	C300
Connecting Capacity UL/CSA:	Flexible 1x 18 ... 14 AWG Flexible 2x 18 ... 16 AWG Rigid 1x 20 ... 12 AWG Rigid 2x 20 ... 16 AWG
Tightening Torque UL/CSA:	4.43 ... 7.08 in·lb

## Certificates and Declarations (Document Number)

CB Certificate:	CB_DK-8574
CCC Certificate:	CCC_2005010303153177
cUL Certificate:	cUL508_E140448
Declaration of Conformity - CE:	1SAD938500-0224
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
GOST Certificate:	GOST_8572616
RMRS Certificate:	RMRS_12.04010.250
RoHS Information:	1SAA981071-4401
UL Certificate:	UL508_E140448

## Classifications

Object Classification Code:	K
E-nummer:	4033001
ETIM 4:	EC001439 - Timer relay
ETIM 5:	EC001439 - Timer relay
eClass:	7.0 27371790