

# Detailed information for: CT-MFD.12

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Data Sheet

Documentation

## CT-MFD.12

### General Information

Extended Product Type:CT-MFD.12

Product ID: 1SVR500020R0000

EAN: 4013614350634

Catalog Description: CT-MFD.12 Time relay, multifunction

**Long Description:** 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.

### Categories

Products » Low Voltage Products and Systems » Control Products » Electronic Relays and Controls » Time Relays



### 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

Package Level 1 EAN:	4013614350634
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## Dimensions

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

## Technical

Timer Relay Type:	ON-Delay OFF-Delay Impulse ON Impulse OFF Flasher Starting with ON Flasher Starting with OFF Pulse Former
Time Range:	0.05 s - 100 h
Rated Control Supply Voltage ( $U_s$ ):	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:	EN 50581 IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14

## 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 Output Circuit 300 V AC  
UL/CSA:

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](#)

Data Sheet, Technical Information: [2CDC111154D0201](#)

Declaration of Conformity - CE: [1SVD981010-0001](#)

EAC Certificate: [EAC\\_RU\\_C-DE.ME77.B.02016](#)

Environmental Information: [1SAA981011-2402](#)

Instructions and Manuals: [1SVC500010M1000](#)

RMRS Certificate: [RMRS\\_1740021250](#)

RoHS Information: [1SVD981010-0001](#)

UL Certificate: [UL508\\_E140448](#)

## Classifications

Object Classification Code: K

E-nummer: 4033001

ETIM 4: EC001439 - Timer relay

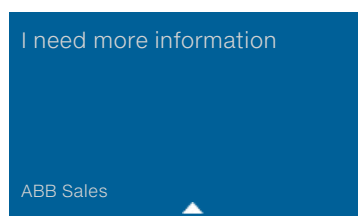
ETIM 5: EC001439 - Timer relay

ETIM 6: EC001439 - Timer relay

eClass: 7.0 27371790

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