

Detailed information for: CT-MFD.12

This page contains technical data sheet, documents library and links to offering related to this product. If you require any other information, please contact us using form located at the bottom of the page.

[Print...](#)

[Print to Pdf...](#)

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

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_e): (230 V) 6 A

Rated Operational Current DC-12 (I_e): (24 V) 6 A

Rated Operational Current DC-13 (I_e): (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 mm²
Flexible 2x 0.5 ... 1.5 mm²
Rigid 1x 0.5 ... 4 mm²
Rigid 2x 0.5 ... 1.5 mm²

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)

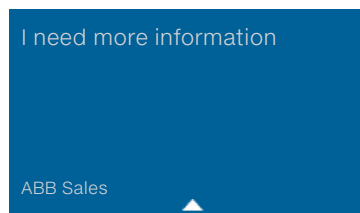
CB Certificate:	CB_DK-8574
CCC Certificate:	CCC_2005010303153177
cUL Certificate:	cUL508_E140448
Data Sheet, Technical Information:	2CDC111154D0201
Declaration of Conformity - CE:	1SVD981010-0001
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
Environmental Information:	1SAA981011-2402
Instructions and Manuals:	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

Contact information

What would you like to do?



Submit your inquiry

Country

United States of America

Name

Company

E-Mail

Phone

Zip code

Your local ABB Sales Team

Name

Customer Support

Your message

[→ Privacy policy](#)

Cancel

Send message

[▲ Close](#)