

# CT-MFD.12



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

## General Information

<b>Extended Product Type:</b>	CT-MFD.12
<b>Product ID:</b>	1SVR500020R0000
<b>EAN:</b>	4013614350634
<b>Catalog Description:</b>	CT-MFD.12 Time relay, multifunction 1c/o, 24-240VAC 24-48VDC
<b>Long Description:</b>	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.

## Additional Information

<b>Ambient Air Temperature:</b>	Operation -20 ... +60 °C Storage -40 ... +85 °C
<b>Analog Inputs:</b>	0
<b>CB Certificate:</b>	CB_DK-8574
<b>CCC Certificate:</b>	CCC_2005010303153177
<b>Connecting Capacity:</b>	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>
<b>Connecting Capacity UL/CSA:</b>	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-16 AWG
<b>Contact Rating UL/CSA:</b>	C300
<b>Core Credit:</b>	0.00
<b>Country of Origin:</b>	Germany (DE)
<b>Customs Tariff Number:</b>	85364900
<b>Data Sheet, Technical Information:</b>	2CDC111154D0201
<b>Declaration of Conformity - CE:</b>	1SVD981010-0000
<b>Degree of Protection:</b>	Housing IP50 Terminals IP20
<b>E-number:</b>	4033001
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.02016
<b>EAN:</b>	4013614350634
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Relays, contactors / General
<b>EPLAN Function Definition:</b>	Coil / Coil with special drive, 3 connection points / Multi-function relay, 3 connection points A1_A2_Y1/B1 Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 16_15_18
<b>ETIM 4:</b>	EC001439 - Timer relay
<b>ETIM 5:</b>	EC001439 - Timer relay
<b>ETIM 6:</b>	EC001439 - Timer relay
<b>Environmental Information:</b>	1SAA981011-2402
<b>Housing Type:</b>	Modular DIN-Rail
<b>IIT Publishing Status:</b>	Level 0 - Information enabled
<b>Industrial IT Certification Level:</b>	0
<b>Instructions and Manuals:</b>	1SVC500010M1000
<b>Invoice Description:</b>	CT-MFD.12 Time relay, multifunction 1c/o, 24-240VAC 24-48VDC

<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC
<b>Minimum Order Quantity:</b>	1 piece
<b>Mounting Position:</b>	Any
<b>Mounting on DIN Rail:</b>	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
<b>Number of Digital Inputs:</b>	1
<b>Object Classification Code:</b>	K
<b>Output:</b>	1 c/o (SPDT) contact
<b>Overvoltage Category:</b>	III
<b>Package Level 1 EAN:</b>	4013614350634
<b>Package Level 1 Gross Weight:</b>	0.065 kg
<b>Package Level 1 Height:</b>	65 mm
<b>Package Level 1 Length:</b>	20 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	89 mm
<b>Part Type:</b>	New
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	Approximately 2 W
<b>Product Main Type:</b>	CT-MFD
<b>Product Name:</b>	Time Relay
<b>Product Net Depth:</b>	63 mm
<b>Product Net Height:</b>	70 mm
<b>Product Net Weight:</b>	0.053 kg
<b>Product Net Width:</b>	17.5 mm
<b>RMRS Certificate:</b>	RMRS_1740021250
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	24 ... 240 V AC 24 ... 48 V DC
<b>Rated Operational Current AC-12 (I<sub>a</sub>):</b>	(230 V) 6 A
<b>Rated Operational Current DC-12 (I<sub>a</sub>):</b>	(24 V) 6 A
<b>Rated Operational Current DC-13 (I<sub>a</sub>):</b>	(24 V) 1 A
<b>Regulatory Compliance Mark (RCM):</b>	Yes
<b>RoHS Date:</b>	1146
<b>RoHS Information:</b>	1SVD981001-4400
<b>RoHS Status:</b>	Following EU Directive 2011/65/EC
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	CT-MFD.12 Time relay, multifunction
<b>Short-Circuit Protective Devices:</b>	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
<b>Standards:</b>	IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14
<b>Technical Information:</b>	MULTI FUNCTION TMR CT-MFD
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	0.5 ... 0.8 N·m
<b>Tightening Torque UL/CSA:</b>	4.43 ... 7.08 in·lb
<b>Time Range:</b>	0.05 s - 100 h
<b>Timer Relay Type:</b>	ON-Delay OFF-Delay Impulse ON Impulse OFF Flasher Starting with ON Flasher Starting with OFF

Flasher Starting with U-F  
Pulse Former

UL Certificate: UL508\_E140448

Wire Stripping Length: 7 mm

cUL Certificate: cUL508\_E140448

eClass: 7.0 27371790

