

General Information

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

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

Container Information

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 Units:	1 piece

Dimensions

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

Technical

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 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 1.5 mm ²
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/EN 61812-1 UL 508 CAN/CSA C22.2 No. 14
Timer Relay Type:	ON-Delay OFF - Delay Impulse - ON

Impulse - OFF
Flasher Starting with ON
Flasher Starting with OFF
Pulse Former

Environmental

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

Technical 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
Maximum Operating Voltage UL/CSA:	Output Circuit 300 V AC

Certificates and Declarations (Document Number)

Instructions and Manuals:	1SVC500010M1000
CB Certificate:	CB_DK-8574
CCC Certificate:	CCC_2005010303153177
cUL Certificate:	cUL508_E140448
Data Sheet, Technical Information:	2CDC111154D0201
Declaration of Conformity - CE:	1SVD981010-0000
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
GOST Certificate:	GOST_8572616
RMRS Certificate:	RMRS_12.04010.250
RoHS Information:	1SVD981001-4400
UL Certificate:	UL508_E140448

Classifications

E-number:	4033001
ETIM 4:	EC001439 - Timer relay
ETIM 5:	EC001439 - Timer relay
ETIM 6:	EC001439 - Timer relay
eClass:	7.0 27371790
Object Classification Code:	K

