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 PRODUCT-DETAILS

## CT-MFD.21

### CT-MFD.21 Time relay, multifunction 2c/o, 12-240VAC/DC




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#### General Information

<b>Extended Product Type:</b>	CT-MFD.21
<b>Product ID:</b>	1SVR500020R1100
<b>EAN:</b>	4016779657662
<b>Catalog Description:</b>	CT-MFD.21 Time relay, multifunction 2c/o, 12-240VAC/DC
<b>Long Description:</b>	The CT-MFD.21 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 12 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 5 A. A control input works with voltage-related (non-floating) triggering.
<b>Display Name:</b>	CT-MFD.21

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#### Ordering

<b>EAN:</b>	4016779657662
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CDC110004C0210_01
<b>Instructions and Manuals:</b>	1SVC500010M1000 1SVC500010M0000
<b>CAD Dimensional Drawing:</b>	2CDC001079B0201
<b>EPLAN Data:</b>	9AAC201307_EPLAN

## Dimensions

<b>Product Net Width:</b>	17.5 mm
<b>Product Net Height:</b>	80 mm
<b>Product Net Depth / Length:</b>	63 mm
<b>Product Net Weight:</b>	0.066 kg

## Technical

<b>Timer Relay Type:</b>	ON-Delay OFF-Delay Impulse ON Impulse OFF Flasher Starting with ON Flasher Starting with OFF Pulse Former
<b>Time Range:</b>	0.05 s ... 100 h
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	12 ... 240 V AC/DC
<b>Rated Operational Voltage:</b>	Auxiliary Circuit 250 V
<b>Rated Frequency (f):</b>	50 / 60 Hz DC
<b>Output:</b>	2 C/O Contacts
<b>Terminal Type:</b>	Screw Terminals
<b>Rated Operational Current AC-12 (I<sub>e</sub>):</b>	(230 V) 5 A
<b>Rated Operational Current AC-15 (I<sub>e</sub>):</b>	(230 V) 3 A
<b>Rated Operational Current DC-12 (I<sub>e</sub>):</b>	(24 V) 5 A
<b>Rated Operational Current DC-13 (I<sub>e</sub>):</b>	(24 V) 1 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Input Circuit 4 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	Input Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V
<b>Degree of Protection:</b>	Housing IP50 Terminals IP20
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Short-Circuit Protective Devices:</b>	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 6 A

<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>Tightening Torque:</b>	0.5 ... 0.8 N·m
<b>Wire Stripping Length:</b>	7 mm
<b>Recommended Screw Driver:</b>	0.8 x 4 Pozidriv 1
<b>Mounting Position:</b>	1 ... 6
<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>Standards:</b>	CAN/CSA C22.2 No.14 IEC/EN 63000 IEC/EN 61812-1 UL 508

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC
<b>Contact Rating UL/CSA:</b>	C300
<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>Tightening Torque UL/CSA:</b>	4.43 ... 7.08 in·lb
<b>Pilot Duty UL/CSA:</b>	C300
<b>Flammability According to UL94:</b>	V-2

## Environmental

<b>Ambient Air Temperature:</b>	Operation -20 ... +60 °C Storage -40 ... +85 °C
<b>Maximum Operating Altitude Permissible:</b>	Without Derating 2000 m

## Material Compliance

<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>REACH Declaration:</b>	1SVD981001-4501
<b>RoHS Declaration:</b>	1SVD981001-4401
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Toxic Substances Control Act - TSCA:</b>	2CMT2023-006536

## Certificates and Declarations

<b>CCC Certificate:</b>	CCC_2019010303150608
<b>cULus Certificate:</b>	cULus_20031209-E140448

Declaration of Conformity - CCC:	2020980303000209
Declaration of Conformity - CE:	1SVD981010-00
Declaration of Conformity - UKCA:	1SVD981010-10

## Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	89 mm
Package Level 1 Depth / Length:	20 mm
Package Level 1 Height:	65 mm
Package Level 1 Gross Weight:	0.079 kg
Package Level 1 EAN:	4016779657662
Package Level 2 EAN:	4013614580222

## External Classifications and Standards

Object Classification Code:	K
ETIM 7:	EC001439 - Timer relay
ETIM 8:	EC001439 - Timer relay
ETIM 9:	EC001439 - Timer relay
eClass:	V11.0 : 27371605
UNSPSC:	39122329
E-Number (Finland):	2712819
E-Number (Norway):	4187691
E-Number (Sweden):	4030176

## Categories

Products > Low Voltage Products and Systems > Control Products > Electronic Relays and Controls > Time Relays > CT-D

Parts & Services > Medium Voltage Products and Systems > Service > Spares and Consumables > Parts > All Spare Parts (Relays-SWG -CB)



