

PRODUCT-DETAILS

# CT-MFC.21

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



### General Information

Extended Product Type	CT-MFC.21
Product ID	1SVR508020R1100
EAN	4013614534324
Catalog Description	CT-MFC.21 Time relay, Multifunctional 2c/o, 12-240VAC/DC
Long Description	The CT-MFC.21 is a multifunction electronic time relay from the CT-C 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 / 4 A. A control input works with voltage-related (non-floating) triggering.

### Ordering

EAN	4013614534324
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500020M1001 1SVC500020M0001
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

Product Net Width	17.5 mm
Product Net Height	80 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.066 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 ( $U_s$ )	12 ... 240 V AC/DC
Rated Operational Voltage	Auxiliary Circuit 250 V
Rated Frequency (f)	50 Hz 60 Hz DC
Output	2 c/o (SPDT) contacts
Terminal Type	Screw Terminals
Rated Operational Current AC-12 ( $I_{\theta}$ )	(230 V) 4 A
Rated Operational Current AC-15 ( $I_{\theta}$ )	(230 V) 3 A
Rated Operational Current DC-12 ( $I_{\theta}$ )	(24 V) 4 A
Rated Operational Current DC-13 ( $I_{\theta}$ )	(24 V) 1 A
Minimum Switching Capacity	12 V 100 mA
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Input Circuit 4 kV
Rated Insulation Voltage ( $U_i$ )	Input Circuit / Output Circuit 300 V Output Circuit 1 / Output Circuit 2 300 V
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 6 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
Recommended Screw Driver	0.8 x 4 Pozidriv 1
Mounting Position	1 ... 6
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	CAN/CSA C22.2 No. 14 IEC/EN 63000 IEC 61812-1 UL 508

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## Technical UL/CSA

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Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	(NO:) B300 (NC:) 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
Pilot Duty UL/CSA	NC B300 NO C300
Flammability According to UL94	V-2

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## Environmental

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

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## Material Compliance

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	No declaration needed
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU

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## Circular Value

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End of Life Instructions	1SAC200318H0001
Environmental Information	1SAC200110H0001

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## Certificates and Declarations

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CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981068
Declaration of Conformity - UKCA	1SVD981068-10
DNV GL Certificate	DNV_GL_TAA00002TS

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## Container Information

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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

4013614534324

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### Classifications

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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)	2712826
E-Number (Sweden)	4030217

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### Categories

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Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Time Relays → CT-C

