

PRODUCT-DETAILS

# CT-ARC.12

## CT-ARC.12 Time relay, Dual function 1c/o, 24-48VDC/24-240VAC, w/o aux.supply



### General Information

Extended Product Type	CT-ARC.12
Product ID	1SVR508120R0000
EAN	4013614555633
Catalog Description	CT-ARC.12 Time relay, Dual function 1c/o, 24-48VDC/24-240VAC, w/o aux.supply
Long Description	The CT-ARC.12 is a dual-function electronic time relay from the CT-C timer range. It provides an OFF-delay and impulse-OFF functions without auxiliary voltage with 4 time ranges from 0.05 s to 10 min. 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 / 4 A.

### Ordering

EAN	4013614555633
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500020M0001

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**Dimensions**


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

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**Technical**


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Timer Relay Type	Impulse OFF True OFF-Delay
Time Range	0.05 s ... 10 min
Rated Control Supply Voltage ( $U_s$ )	24 ... 240 V AC 24 ... 48 V DC
Rated Frequency (f)	50 Hz 60 Hz DC
Output	1 c/o (SPDT) contact
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) 1.5 A
Minimum Switching Capacity	12 V 100 mA
Rated Insulation Voltage ( $U_i$ )	Input Circuit / Output Circuit 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 10 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
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	CAN/CSA C22.2 No.14 EN 50581 IEC/EN 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	B300
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

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## Environmental

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

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## Certificates and Declarations (Document Number)

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CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Data Sheet, Technical Information	2CDC110004C0210_01
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981068
DNV GL Certificate	DNV_GL_TAA00002TS
EAC Certificate	EAC_RU_C-DE.ME77.B.00899
Environmental Information	1SAC200110H0001
Instructions and Manuals	1SVC500020M0001
RoHS Information	1SVD981068

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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	0.065 kg
Package Level 1 EAN	4013614555633

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## Classifications

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Object Classification Code	K
ETIM 5	EC001439 - Timer relay
ETIM 6	EC001439 - Timer relay

ETIM 7	EC001439 - Timer relay
eClass	V11.0 : 27371605
UNSPSC	39121519

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## Categories

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

