

PRODUCT-DETAILS

# CT-AHD.12

## CT-AHD.12 Time relay, OFF-delay 1c/o, 24-240VAC 24-48VDC



### General Information

Extended Product Type	CT-AHD.12
Product ID	1SVR500110R0000
EAN	4013614350665
Catalog Description	CT-AHD.12 Time relay, OFF-delay 1c/o, 24-240VAC 24-48VDC
Long Description	The CT-AHD.12 is a single-function electronic time relay from the CT-D timer range. It provides an OFF-delay (delay on break) function 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.

### Ordering

EAN	4013614350665
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

### Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500010M1000 1SVC500010M0000
CAD Dimensional Drawing	2CDC001079B0201

## Dimensions

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

## Technical

Timer Relay Type	OFF-Delay
Time Range	0.05 s ... 100 h
Rated Control Supply Voltage ( $U_c$ )	24 ... 240 V AC 24 ... 48 V DC
Rated Frequency (f)	DC 50 / 60 Hz
Output	1 c/o (SPDT) contact
Terminal Type	Screw Terminals
Rated Operational Current AC-12 ( $I_{\theta}$ )	(230 V) 6 A
Rated Operational Current AC-15 ( $I_{\theta}$ )	(230 V) 3 A
Rated Operational Current DC-12 ( $I_{\theta}$ )	(24 V) 6 A
Rated Operational Current DC-13 ( $I_{\theta}$ )	(24 V) 2 A
Rated Impulse Withstand Voltage ( $U_{imp}$ )	Input Circuit 4 kV
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
Recommended Screw Driver	Pozidriv 1 0.8 x 4
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/EN 61812-1 UL 508

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
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
Pilot Duty UL/CSA	C300
Flammability According to	V-2

UL94

**Environmental**

Ambient Air Temperature	Operation -20 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m
RoHS Status	Following EU Directive 2011/65/EU

**Certificates and Declarations (Document Number)**

CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981010-00
Declaration of Conformity - UKCA	1SVD981010-10
Environmental Information	1SAC200264H0001
Instructions and Manuals	1SVC500010M1000 1SVC500010M0000
REACH Declaration	1SVD981001-4501
RMRS Certificate	RMRS_1740021250
RoHS Information	1SVD981010-00

**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	0.065 kg
Package Level 1 EAN	4013614350665

**Classifications**

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)	2712641
E-Number (Sweden)	4033011

**Categories**

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

