

### 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.

### 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:	4013614350665

### 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 <sub>s</sub> ):	24 ... 240 V AC 24 ... 48 V DC
Output:	1 c/o (SPDT) contact
Terminal Type:	Screw Terminals
Rated Operational Current AC-12 (I <sub>e</sub> ):	(230 V) 6 A
Rated Operational Current AC-15 (I <sub>e</sub> ):	(230 V) 3 A
Rated Operational Current DC-12 (I <sub>e</sub> ):	(24 V) 6 A
Rated Operational Current DC-13 (I <sub>e</sub> ):	(24 V) 2 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 <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:	IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No. 14

Timer Relay Type: OFF - Delay

## 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: 2CDC111161D0201  
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: 4033011  
ETIM 4: EC001439 - Timer relay  
ETIM 5: EC001439 - Timer relay  
ETIM 6: EC001439 - Timer relay  
eClass: 7.0 27371790  
Object Classification Code: K

