

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

General Information

Extended Product Type:	CT-SAD.22
Product ID:	1SVR500210R0100
EAN:	4016779657716
Catalog Description:	CT-SAD.22 Time relay, star-delta 2n/o, 24-48VDC, 24-240VAC
Long Description:	The CT-SAD.22 is a single-function electronic time relay from the CT-D timer range. It provides a star-delta function with 7 time ranges from 0.05 s to 10 min. and a transition time adjustable from 20 ms to 50 ms. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 n/o output with contacts rated at 250 V / 5 A.

Ordering

EAN:	4016779657716
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	89 mm
Package Level 1 Length:	20 mm
Package Level 1 Height:	65 mm
Package Level 1 Gross Weight:	0.079 kg
Package Level 1 EAN:	4016779657716

Dimensions

Product Net Width:	17.5 mm
Product Net Height:	80 mm
Product Net Depth:	63 mm
Product Net Weight:	0.066 kg

Technical

Timer Relay Type:	Star-Delta
Time Range:	0.05 s - 10 min
Rated Control Supply Voltage (U_s):	24 ... 240 V AC 24 ... 48 V DC
Output:	2 n/o contacts

Terminal Type:	Screw Terminals
Rated Operational Current AC-12 (I_e):	(230 V) 5 A
Rated Operational Current AC-15 (I_e):	(230 V) 3 A
Rated Operational Current DC-12 (I_e):	(24 V) 5 A
Rated Operational Current DC-13 (I_e):	(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 ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 1.5 mm ²
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:	EN 50581 IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14

Environmental

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

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

Certificates and Declarations (Document Number)

CCC Certificate:	CCC_2005010303153177
cUL Certificate:	cUL508_E140448
Data Sheet, Technical Information:	2CDC111155D0201
Declaration of Conformity - CE:	1SVD981010-0001
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
Environmental Information:	1SAA981011-2402
Instructions and Manuals:	1SVC500010M1000
RoHS Information:	1SVD981010-0001
UL Certificate:	UL508_E140448

Classifications

Object Classification Code:	K
ETIM 4:	EC001439 - Timer relay
ETIM 5:	EC001439 - Timer relay
ETIM 6:	EC001439 - Timer relay
ETIM 7:	EC001439 - Timer relay
eClass:	7.0 27371790
UNSPSC:	39121519

