



PRODUCT-DETAILS

CT-SAC.22

CT-SAC.22 Time relay, Star-delta 2n/o, 24-48VDC/24-240VAC



General Information	
Extended Product Type	CT-SAC.22
Product ID	1SVR508210R0100
EAN	4013614534249
Catalog Description	CT-SAC.22 Time relay, Star-delta 2n/o, 24-48VDC/24-240VAC
Long Description	The CT-SAC.22 is a single-function electronic time relay from the CT-C timer range. It provides a star-delta function with 4 time ranges from 0.05 s to 10 min. and a transition time adjustable from 20 ms to 100 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 / 4 A.

Ordering	
EAN	4013614534249
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
EPLAN Data	9AAC405924_EPLAN

Dimensions

Product Net Width	17.5 mm
Product Net Height	70 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.066 kg

Technical

Timer Relay Type	Star-Delta
Time Range	0.05 s ... 10 minute [unit of time]
Rated Control Supply Voltage (U _s)	24 ... 240 V AC 24 ... 48 V DC
Rated Operational Voltage	Auxiliary Circuit 250 V
Rated Frequency (f)	50 / 60 Hz DC
Output	2 N/O Contacts
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I _e)	(230 V) 4 A
Rated Operational Current AC-15 (I _e)	(230 V) 3 A
Rated Operational Current DC-12 (I _e)	(24 V) 4 A
Rated Operational Current DC-13 (I _e)	(24 V) 2 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 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
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

Technical UL/CSA

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
Pilot Duty UL/CSA	B300
Flammability According to UL94	V-2

Environmental

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

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD981001-4501
RoHS Declaration	1SVD981001-4401
RoHS Information	No declaration needed
SCIP	d0d015cc-7802-432d-8077-652cb20bc0dc Germany
Simplified SCIP	dc35be31-8e8f-4fbe-801f-08a4d06ae5cc Germany 7c066da9-198c-49eb-a773-08a808dde2af France 2ac647de-b7f9-4cf8-b7dc-e8853ca99024 Norway c3466c49-7120-441e-bb57-144dd5f60bac Poland 2eca96df-dc93-405b-b038-e5c56cb93ce4 Greece 760c2dda-01e1-419d-90c8-4b4ae65fa0e2 Finland 3f351abf-936e-4893-a541-548ead28233b Belgium 5090011c-617a-400d-a047-4ef25774d657 Italy 778a85e5-67eb-41ac-9ad8-a27616140262 Portugal 7993433b-acbf-462e-b5e4-3fad2a3a7d5a Bulgaria f7dc3fbd-0907-4faa-a1b0-75b9f51a587f Sweden 584f41b1-bb64-45e0-a894-c7763c185595 Poland b5f57067-783e-4e05-bc22-f90dbc554e82 Germany 6fe04ec4-bccd-4b7b-bedf-753068f7a4ad Denmark a4c3e629-7972-4ce4-8189-8330c91f86b0 Germany 947cc92d-e387-4509-8ba6-f27bf7059b8f Croatia 04c65a8f-65a0-44f0-b979-8c995e65d308 Czech Republic 2c1da5a6-75e0-451f-95c1-107daec836d2 Germany 8ad2ad1e-8cc1-4ede-9220-969f62d852a5 Sweden 7350764d-2351-4500-a6e0-f6c2b70bf52c France f7ab97ac-9ee1-4c9a-b74a-db9028ee1fbb Hungary 86e8088b-cf6e-4291-a48e-ee29301adf7f Poland bd333ed3-5197-402e-9213-a0164163c8d7 Hungary

	44036e4b-726c-4b67-b832-810fa5e85682 Netherlands
	ad388480-6f48-44ce-bbd2-877c5819eb4a Estonia
	2ce8cea1-c0e4-40d6-a3c8-bb5dee37c434 Belgium
	eda41535-7080-4022-a452-efb9db927b27 Spain
Toxic Substances Control Act - TSCA	2CMT2023-006536

Certificates and Declarations

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

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	0.079 kg
Package Level 1 EAN	4013614534249
Package Level 2 EAN	4013614580406

External Classifications and Standards

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)	2712834
E-Number (Norway)	4189327
E-Number (Sweden)	4030225

Categories

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

