



 PRODUCT-DETAILS

CT-SAD.22

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



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 4 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

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	0.066 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
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) 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
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/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 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 Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	28c71ea3-6fc3-410d-a8d1-81bb7dca8c8b Germany (DE)
Simplified SCIP	b021ed63-ace2-4267-b816-b5c6901f0b0b Germany (DE) 5dc17460-c9cc-4c0e-856a-89ea289c8661 Germany (DE) 0ef66e8c-d4db-494f-8aca-b9c8df0f34cd Denmark (DK) c121627d-7673-43af-98ce-2d6a096b011d Finland (FI) 4c2d37af-481d-4715-823a-090dc819e6c1 Belgium (BE) bca46103-d60c-4cdc-9755-b6c8f2303291 Italy (IT) 802e5fc7-0dd4-4f74-8d1d-ae9c3b657cae Poland (PL) a7d2b735-c0ef-4e03-bc48-1be0fb1eacd1 Norway (NO) fd981391-0e7a-4d2e-8754-784295c1dd49 Germany (DE) aaa69efe-5791-4917-bd88-b2527ada8293 Croatia (HR) 826fbe04-623a-48b5-8a6b-02f498300b93 Czech Republic (CZ) bce9ec98-ccf8-48ff-930f-2af68180759c Poland (PL) 343620b1-793e-4ab9-bda4-16ddc91eebf9 Netherlands (NL) 091acc85-be3b-49b5-b392-50efb2448106 Hungary (HU) e208d4d6-8e46-454a-99e0-fe85ff08a5d5 Estonia (EE) 50f56f36-3802-476c-990b-0aeabd858f13 Greece (GR) 8b84e9aa-478a-4c7d-ae07-d950bc3336e3 Portugal (PT) eb9ffa56-07cb-410a-9b7e-df20d7e49bc0 Bulgaria (BG) 3a0ae62e-67e6-483d-8b4f-7bc43938b453 Sweden (SE) 740df3d4-ff96-430a-9364-0091f1b9e612 Poland (PL) 648484d5-c4f6-482b-a362-0f1d292dfae6 Belgium (BE) 813340ae-c42c-4851-8c7a-0733ff144f82 France (FR) f1df4e9e-d77b-45fc-b633-93a502891284 Sweden (SE) 37bfb8ae-a44d-433c-9ea2-7874c10396ef Germany (DE) 037f473d-f350-4cd9-820f-42c83c15ea5c France (FR) a706f131-47d9-4f84-9a98-456fbbcc2d9c Hungary (HU) 7da37bcb-1e75-458f-b45e-c11ce3264170 Spain (ES)

Toxic Substances
Control Act - TSCA

2CMT2023-006536

ABB EcoSolutions

End of Life Instructions

1SAC200319H0001

Certificates and Declarations

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

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	4016779657716

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	39121519
E-Number (Finland)	2712824
E-Number (Norway)	4187696

Categories

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

