PRODUCT-DETAILS

CT-SDC.22

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



General Information

Extended Product Type	CT-SDC.22
Product ID	1SVR508211R0100
EAN	4013614534232
Catalog Description	CT-SDC.22 Time relay, Star-delta 2n/o, 24-48VDC/24-240VAC
Long Description	The CT-SDC.22 is a single-function electronic time relay from the CT-C timer range. It provides a star-delta function with 7 time ranges from 0.05 s to 10 min. and a fixed transition time of 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 / 4 A.

Ordering

EAN	4013614534232
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500020M1001 1SVC500020M0001
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	0.059 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) 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 mm² Flexible 2x 0.5 ... 1.5 mm² Rigid 1x 0.5 ... 4 mm² Rigid 2x 0.5 ... 1.5 mm²
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

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	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 Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	4ae9db40-07a8-4661-b510-00ddf4159c23 Germany (DE)
Simplified SCIP	ae25d0a6-2bb1-40e1-8997-75cf0c6aa5cb Germany (DE) 1f543bed-6c73-401c-a21a-9d74cc404649 Poland (PL) 9ec53dfa-c632-426a-9465-5ec2f5c27983 Netherlands (NL) 441ddc71-e70e-4b6e-9959-103d2e89d080 Hungary (HU) 5c480401-ed42-4aa0-86df-03f69defd2a8 France (FR) d317fd26-9396-4ba6-9ec7-8e5384ad2b91 Germany (DE) 8784969e-1148-4ff7-9a89-41366792275e Hungary (HU) 81819f09-8bef-4e61-a24e-e2df249806e1 Germany (DE) f08a9834-7cdb-4ecc-b581-a9d61821f6a7 Spain (ES) 7a8b325c-2f5e-4170-a4b5-5541d5a10d16 Belgium (BE) a8141cb9-e36f-4cd9-adb8-084952b48f3d Norway (NO) 4e80fca6-6435-4aaa-b485-ddf235a2986a Greece (GR) 593ae78c-cea7-4890-9c55-9c6d47a23dce Finland (FI) 6ff640cf-5f8f-4449-a3ba-cdc11cc4d364 Belgium (BE) f3b31f59-6849-4fde-bc6b-d026dffafb25 Italy (IT) 2a95d2b2-8cee-4d9d-9e06-b5e260fb83c5 Croatia (HR) 9158d365-36eb-4c83-9997-cdc90e6a2c05 Czech Republic (CZ) b9e738ef-41b9-4a93-8968-c186b0cae137 France (FR) 5ce847f7-d7c0-4c51-9e0d-06eab4ffa226 Sweden (SE) 0ceb2111-c711-42ad-947e-a5e6f574f50b Sweden (SE) bc8a6a27-bc53-4d1c-86be-eee0db829edb Poland (PL) 6110b9e0-1ed8-4646-808e-e869aeddd74a Denmark (DK) 36fafa46-d356-4965-b1b3-8f4141997290 Germany (DE) 3c4a3a6c-2386-456f-be03-913319ede16c Portugal (PT) b9ad8cb1-f661-4324-bb64-f13bab951ca1 Poland (PL)

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	d01201af-70d8-4f25-b4ed-dc0c0664e239 Estonia (EE) 2331e911-1a18-41e3-b7fe-353a619d5ae7 Bulgaria (BG)
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	0.071 kg
Package Level 1 EAN	4013614534232

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)	2712835
E-Number (Norway)	4189328
E-Number (Sweden)	4030226

Categories

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



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