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 PRODUCT-DETAILS

## CT-SDD.22

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




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#### General Information

Extended Product Type	CT-SDD.22
Product ID	1SVR500211R0100
EAN	4016779657709
Catalog Description	CT-SDD.22 Time relay, star-delta 2n/o, 24-48VDC, 24-240VAC
Long Description	The CT-SDD.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 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 / 5 A.

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#### Ordering

EAN	4016779657709
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

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#### 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	0.059 kg

## Technical

Timer Relay Type	Star-Delta
Time Range	0.05 s ... 10 min
Rated Control Supply Voltage (U <sub>s</sub> )	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 <sub>e</sub> )	(230 V) 5 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) 5 A
Rated Operational Current DC-13 (I <sub>e</sub> )	(24 V) 2 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	Input Circuit 4 kV
Rated Insulation Voltage (U <sub>i</sub> )	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 <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
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	caf5245c-0471-46c0-9f91-12e778ec3b06 Germany (DE)
Simplified SCIP	566ed2ee-ff6a-4301-8129-2e519a620c3c Germany (DE) ff863ddb-8413-4523-9e62-5f7d1ff4d1fe Germany (DE) c3c4d511-96dc-41b9-8add-75bc9eaa05ac Germany (DE) 6493f62e-5ec7-432f-94c0-8a1aad0f7756 Belgium (BE) cb1ee09f-8d4f-4e1a-81da-e65e5ba92ff2 Poland (PL) c252ef46-645a-4116-891b-19cf8f4351dd Norway (NO) 07ae70ee-9a43-48df-bef0-eb76f52901b4 Belgium (BE) 6fde2254-f35d-499e-8b3e-24f229bb044a Finland (FI) e4838a7f-2f90-41bc-928f-99b6910e7543 Portugal (PT) 456813d5-0121-4c3c-8305-bd031aa448b1 Italy (IT) b7192efb-3e69-4ad8-8513-2163c0b59a8a Greece (GR) 3017da8c-f297-448e-8e99-f263e623de08 Bulgaria (BG) 7c77e7f4-d9fe-4991-a5e2-697fe6a38991 Sweden (SE) b0c0ef54-19dd-4daa-b6b0-7d48c94678cd France (FR) 847404e3-262c-4345-b535-f9d55288d85e Poland (PL) dbcbcdca-4917-4e1b-9723-00080e7ae2b2 Sweden (SE) cf6be93a-9000-40c3-8db0-b8cedc17897e Poland (PL) 191b5b6f-fa13-46af-ac12-7d86e9a5af84 Estonia (EE) f11ba27c-f0a6-4a57-be0a-893182178888 Hungary (HU) 7072ebfa-4416-4002-8c41-a78dc23904fd Netherlands (NL) cabcadf0-205a-4c0f-8bea-af59f0e61687 Germany (DE) d73f1d05-77a4-4c9d-a21d-63f655cf8d53 Hungary (HU) b2301df7-1ff7-4423-8ffe-c5fb693cb57e Czech Republic (CZ) 566bdc60-6c21-4c3f-9ba7-b38bcca88af5 Croatia (HR) 8e01e57a-052c-459a-bf53-8c734f790bd5 France (FR) 6b62e517-6061-48cd-9331-3610f8d39576 Spain (ES) 2fb33531-d854-4460-9524-ecb1566e629b Denmark (DK)

Toxic Substances  
Control Act - TSCA

2CMT2023-006536

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### Circular Value

End of Life Instructions	1SAC200319H0001
Environmental Information	1SAC200264H0001

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### 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

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### 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	4016779657709

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### 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)	2712823
E-Number (Norway)	4187695

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## Categories

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

