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 PRODUCT-DETAILS

## CT-TGD.22

### CT-TGD.22 Time relay, pulse generator 2c/o, 24-48VDC, 24-240VAC




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#### General Information

Extended Product Type	CT-TGD.22
Product ID	1SVR500160R0100
EAN	4016779657693
Catalog Description	CT-TGD.22 Time relay, pulse generator 2c/o, 24-48VDC, 24-240VAC
Long Description	The CT-TGD.22 is a single-function electronic time relay from the CT-D timer range. It provides a pulse generator (recycling unequal times) function with 2x7 time ranges from 0.05 s to 100 h. This time relay operates with a rated control supply voltage of 24 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 5 A. A control input works with voltage-related (non-floating) triggering.

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#### Ordering

EAN	4016779657693
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	80 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.066 kg

## Technical

Timer Relay Type	Pulse Generator
Time Range	0.05 s ... 100 h
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 c/o (SPDT) 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 <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	8fa3f75c-c986-45fa-b1cc-0aa792d42802 Germany (DE)
Simplified SCIP	6755d237-3f37-46d2-8c5a-94f4366050e9 Germany (DE) 991885ff-69b0-4f26-878a-064f6e0373e2 Poland (PL) 6892e454-9030-4f58-9ad6-e1fcc5a22c36 Norway (NO) 63eb9b73-1be2-4397-9749-677bddb3a739 Finland (FI) 4f0db0b4-eb6d-421d-b4f8-44f2c0487df8 Portugal (PT) d88bf783-d88f-474d-89a6-d8a2e53695e1 Belgium (BE) acb5e25f-1cb1-45e0-aa64-c20e4ae6dee2 Italy (IT) f2b43996-5114-40d6-8014-b435525e5fac Sweden (SE) 9acc0e88-b7c2-4a90-b28f-73482c5e35c5 Bulgaria (BG) 7eedbb4b-4c6f-4990-9a9d-963c90e76d99 Sweden (SE) b86afb63-b174-4dcd-a84d-0d59b2e89e8f France (FR) f110c915-fc2f-464e-929e-c87e92550e4e Poland (PL) 6cb92582-0cf7-41e5-b266-119fa71d7e5a Greece (GR) 74e1f213-4c6e-4a1d-b260-7930dbc8ebcf Hungary (HU) 5d07d326-2a20-46de-90b3-e87f6e915e2f Germany (DE) 76f8283c-c5c6-4661-a332-9deb20a00562 Poland (PL) f75c4264-9c5e-4dd9-89da-b6b97e629b6b Hungary (HU) 78ce5cfc-dbc2-49f4-a740-b6673cfa17bb Netherlands (NL) 236970dc-df7c-45ca-9e20-1488593800ed Estonia (EE) 42e1adcd-2a86-4b1e-b589-2d0cb5ecaa5c Croatia (HR) 65d87b86-43cf-4177-9967-af81e44bb321 Czech Republic (CZ) 5473033d-405e-4f28-8b53-c1fb16f28214 Spain (ES) 09699ee3-a0fc-45b8-ba83-7a80a50a4af8 France (FR) 965716fa-1507-4c92-ae1a-c44fa2651baa Germany (DE) 1c6f5474-9a95-459a-9ae4-9336b26f6d51 Denmark (DK) 2f6be1d1-ad00-4ce3-867d-f1cb5dc3b36d Germany (DE) f52bdf67-f020-46da-8374-8f98c5c4880a Belgium (BE)

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
RMRS Certificate	RMRS_1740021250

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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	0.079 kg
Package Level 1 EAN	4016779657693

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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)	2712822

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## Categories

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

