PRODUCT-DETAILS

CT-TGC.22

CT-TGC.22 Time relay, Pulse generator 2c/o, 24 -48VDC/24-240VAC



General Information

Extended Product Type	CT-TGC.22
Product ID	1SVR508160R0100
EAN	4013614534256
Catalog Description	CT-TGC.22 Time relay, Pulse generator 2c/o, 24-48VDC/24-240VAC
Long Description	The CT-TGC.22 is a single-function electronic time relay from the CT-C 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 / 4 A. A control input works with voltage-related (non-floating) triggering.

Ordering

EAN	4013614534256
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	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) 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	129fa70f-3b36-4fc1-90d2-26c310e1bef8 Germany (DE)
Simplified SCIP	6f44856d-a723-4887-a3e2-bd975e8f2e6d Germany (DE) ad3e3fa2-df78-4d31-9790-fc3dd1793c4f Greece (GR) c8bcc6df-da68-4d37-9392-9e8f1352f10f Portugal (PT) 53a2f5ae-faa5-4de7-9a11-bfe9fc0e2902 Poland (PL) 666fdfdf-fd3e-4b25-b64d-684787ae4118 Norway (NO) 3e5d6c38-dba4-4fdd-88ef-53825b221b27 Finland (FI) bdf8322a-8d93-41c3-9106-b84ec5eb422a Belgium (BE) c2a28878-6df1-4c2d-b0aa-c9c426b3c231 Italy (IT) c354c2dc-3376-4f41-8773-991d36f5beb7 France (FR) 642a8774-c569-4530-8991-4191bd3ecafe Sweden (SE) 79e44d68-e6b6-4102-83e4-17670cc36941 Bulgaria (BG) 5ac10d0e-312d-4dc9-9bb9-6dadb00f4c5a Sweden (SE) f4626538-e95c-42e7-ba3e-29eeafa326ed Poland (PL) 3fb9089e-426a-4f74-8113-1ebb35da81cd Estonia (EE) 858cbe0b-5361-495f-8156-612eaa3ec1a3 Poland (PL) 2fdb2340-3862-4b56-af15-d21bf528ff12 Netherlands (NL) fccf919a-c904-4880-866b-738cf2e7c6d9 Hungary (HU) ecfd15d7-c96d-4cbe-a5c8-a813ef1d5061 Germany (DE) 80aeee03-d1c4-4af0-a608-1c7df55a6c37 Denmark (DK) c9dc4209-b6df-4e02-8499-20fe6b6da5da Germany (DE) 681b4f3c-0ddd-42c2-949a-2b4f7fe84966 Croatia (HR) 16c56bd7-76a9-4380-9cc9-7e9b1c055997 Czech Republic (CZ) 707294a2-09a0-4b49-88b3-d3b07912bbc4 Germany (DE) f1bf6aa8-a560-42aa-8413-b8e0f13d5b52 Hungary (HU) c3df8d15-cc06-42fc-ada2-cf3b15623033 Belgium (BE)

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	d5f6a7af-8ce8-4e66-9664-e83904c89441 France (FR) 6e2d34a1-ab20-44ad-b1be-38a0abea3106 Spain (ES)
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	4013614534256

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)	2712833
E-Number (Norway)	4189326
E-Number (Sweden)	4030224

Categories

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



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