



PRODUCT-DETAILS

CT-TGD.12

CT-TGD.12 Time relay, pulse generator 1c/o, 24-240VAC 24-48VDC



General Information	
Extended Product Type	CT-TGD.12
Product ID	1SVR500160R0000
EAN	4013614350696
Catalog Description	CT-TGD.12 Time relay, pulse generator 1c/o, 24-240VAC 24-48VDC
Long Description	The CT-TGD.12 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 1 c/o (SPDT) output rated at 250 V / 6 A. A control input works with voltage-related (non-floating) triggering.

Ordering	
EAN	4013614350696
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	0.052 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	1 c/o (SPDT) contact
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I _e)	(230 V) 6 A
Rated Operational Current AC-15 (I _e)	(230 V) 3 A
Rated Operational Current DC-12 (I _e)	(24 V) 6 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
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	1268aaec-53f8-49f6-a6eb-a57437475cbe Germany (DE)
Simplified SCIP	98fb8a74-925e-46b0-9494-295c8db3ca74 Germany (DE) a316e15e-b225-4690-b04a-603703002b59 Poland (PL) 7377cc63-ce58-4707-ab92-93c4e48afb5f Norway (NO) 222f8da9-394d-434f-8efd-5eb762876413 Belgium (BE) 1acdfd79-14d6-4040-9e23-65a2dee2fe68 Italy (IT) d6c4f881-01f7-45d9-8346-68e2a47de2ce Portugal (PT) 0e182ae0-6989-4e99-a29a-970e3d029ede Finland (FI) 79bfaac0-6e47-4c3d-ae88-89d382d53456 Greece (GR) 916d1740-7e9a-4a9c-aad7-93a29b64f107 Estonia (EE) 7e525cb2-45c3-4f1e-bc96-68dda1bf9259 Sweden (SE) 893f994e-a7de-4fb1-b210-9401cd62a9e7 Bulgaria (BG) 0286adf1-70b6-48cc-8d99-0f28170b8af7 Czech Republic (CZ) 183f4e93-2c0c-4368-abf9-404d84da2fd9 Croatia (HR) 9cb3d47e-6ba0-4a0a-bd56-9dbd98688023 Denmark (DK) 5d1fc535-df63-439f-9b57-24daea78e40a Germany (DE) 370e4342-c94f-4b8a-9ca7-afccceef04de9 Poland (PL) f184509b-6136-49fb-b408-444c3a4cf0dc Sweden (SE) 516ec35f-84d7-4a70-a816-6e75489197ec France (FR) fba7bb02-65bc-4bac-a7a3-84aa9bc2437f Poland (PL) 672c46e9-0f82-42d7-a875-6f19c9d6f7fc Hungary (HU) b11fe860-bb45-4962-b5c3-fc4c9fe53680 Netherlands (NL) f5b9ad6a-2376-487d-835e-1d436469ec57 Germany (DE) 8558d299-9c5a-4f4d-99be-17419966a39b Hungary (HU) 69168f41-3829-4797-99ce-5143f643e8e3 Germany (DE) 1d1e32ef-d338-4e3f-aeb5-d2a1c6c8401f France (FR) cb58cd9a-a066-49d7-baaa-833bbdf219d1 Spain (ES) 67dabed1-83b9-4c1e-b981-ee56d8c88432 Belgium (BE)

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

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	0.065 kg
Package Level 1 EAN	4013614350696

External Classifications and Standards

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)	2712885
E-Number (Norway)	4187690
E-Number (Sweden)	4030272

Categories

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

