



PRODUCT-DETAILS

CT-VWC.12

CT-VWC.12 Time relay, Impulse-ON 1c/o, 24-48VDC/24-240VAC



General Information	
Extended Product Type	CT-VWC.12
Product ID	1SVR508130R0000
EAN	4013614534270
Catalog Description	CT-VWC.12 Time relay, Impulse-ON 1c/o, 24-48VDC/24-240VAC
Long Description	The CT-VWC.12 is a single-function electronic time relay from the CT-C timer range. It provides an impulse-ON (interval) function with 7 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 / 4 A.

Ordering	
EAN	4013614534270
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads	
Data Sheet, Technical	2CDC110004C0210_01

Information	
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	0.052 kg

Technical

Timer Relay Type	Impulse ON
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) 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 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 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	dbdd7999-9686-4053-88bb-fb6c81e41bb6 Germany (DE)
Simplified SCIP	24fb8790-b931-4428-b3dc-36683b2648a0 Germany (DE) cd07e955-ecc7-41ba-969f-f20803b205ee Belgium (BE) 109683cd-f3e9-44ad-88eb-7898f2cbf941 Spain (ES) 06fdf2ae-3acd-4c71-bbe4-e857c2188a0e France (FR) b5186cd0-1ac4-484e-952e-c7fea90d3c45 Poland (PL) 455eaf85-6f94-41c9-9c51-0493aa4132ca Netherlands (NL) 3e864fe9-91a0-4268-acca-88127a5dde94 Hungary (HU) f2ce3af7-1088-41b3-ba78-0542cbbdb437 Estonia (EE) 38fe5980-d450-4495-a1c9-4592ffdfcc6d Norway (NO) 1faffecb-5c74-4bb3-9123-22fe6f18515b Poland (PL) 5616578c-b395-4e73-8dfc-ca83692d429b Greece (GR) 090f5d34-1ced-43c1-b7ed-10548dfe4256 Finland (FI) 960b0c55-55a9-4dee-ad7f-abe26097141d Belgium (BE) 5f6d48c1-a1b7-4aa1-901c-966cac26614b Italy (IT) d8bab652-9b04-4ade-bcea-bb321f069dae Portugal (PT) de479f0b-b5c3-4c5c-b198-42a28d6f6457 Sweden (SE) 07c191a9-85a5-40ae-b894-c56227132ac3 Poland (PL) 450af7dd-d8ef-4c85-877d-08c31062b0c1 Bulgaria (BG) 7cab38f8-0aa7-482f-8edb-ac6caac4e80d Germany (DE) 51a0118d-935c-4fb0-b1ea-59e510351399 Denmark (DK) b0b3ea06-da89-45e9-9bf0-8b12a13d745a Croatia (HR) d986fb41-bd27-42d6-bda7-dd4ccb73ecb2 Czech Republic (CZ) ab72255a-6f6f-4c69-b868-10599f3ad7a6 Germany (DE) 1b665a4a-5ca9-4cd2-83a6-35c8e52e2f6d Germany (DE) beac6dbb-4bfa-4a50-b261-7bac983db396 Sweden (SE) 8af81c19-88f6-4bd3-b6da-f3f74e2c780b France (FR)

99b959b5-105d-4619-8d12-4f6a33bf11ce Hungary (HU)	
Toxic Substances	2CMT2023-006536
Control Act - TSCA	

Circular Value

End of Life Instructions	1SAC200318H0001
Environmental Information	1SAC200110H0001

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	0.065 kg
Package Level 1 EAN	4013614534270

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)	2712831
E-Number (Sweden)	4030222

Categories

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

