



PRODUCT-DETAILS

CT-ERC.22

CT-ERC.22 Time relay, ON-delay 2c/o, 24-48VDC/24-240VAC



General Information

Extended Product Type	CT-ERC.22
Product ID	1SVR508100R0100
EAN	4013614534300
Catalog Description	CT-ERC.22 Time relay, ON-delay 2c/o, 24-48VDC/24-240VAC
Long Description	The CT-ERC.22 is a single-function electronic time relay from the CT-C timer range. It provides an ON-delay (delay on make) 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 2 c/o (SPDT) output with contacts rated at 250 V / 4 A.

Ordering

EAN	4013614534300
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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	0.068 kg

Technical

Timer Relay Type	ON-Delay
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 _θ)	(230 V) 4 A
Rated Operational Current AC-15 (I _θ)	(230 V) 3 A
Rated Operational Current DC-12 (I _θ)	(24 V) 4 A
Rated Operational Current DC-13 (I _θ)	(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	222cf78e-cdfc-40a2-9eaf-5ff8ffb0f88 Germany (DE)
Simplified SCIP	5cd60c10-ac15-45f7-bbae-b423aa5e44f5 Germany (DE) eaffcc56-8d45-4fbf-8ed2-2378e0707d85 Belgium (BE) aaeb2729-b0b8-438d-a706-5d259d249b44 Finland (FI) 2b93172b-d3ea-4100-9935-cc0b821ac6d1 Norway (NO) fdcd34b3-a6d1-40b9-bea4-a162317bb47c Italy (IT) d7c5b913-87df-40da-a13d-f026190b72e1 Portugal (PT) 6577980c-3853-49e4-b780-5209e06eaeae Poland (PL) af3e5ab8-c540-467c-9813-4354a59815e8 Greece (GR) 1f28669f-21b7-449c-80dc-4362863420c4 Bulgaria (BG) f2febfc2-308d-4c52-9851-aec1dd5057fd Sweden (SE) 31b87bce-11a5-4fe5-a5d3-0d6c1b4e7b15 Estonia (EE) 77b1a5f9-81c5-40f0-b113-7fa2a314d750 Belgium (BE) b1301834-a47c-4ad6-9009-704458e43c70 Croatia (HR) 5937ba91-c0f7-4bb7-a555-54ae368eb52a Germany (DE) 5bcee981-bc57-4c45-b6f4-b725ed16cd10 Denmark (DK) 5ffaa7a6-bd05-45e9-a94f-3d9dd0df8801 Czech Republic (CZ) 521c48a5-3e07-4045-b2fc-d7eb23a9c094 Germany (DE) e8a5807b-069c-4eca-be3f-127bac614bc4 Netherlands (NL) e6495f3f-e0cd-41f0-8c34-3224df9d5ff7 Hungary (HU) b7440445-7538-4309-a01f-5dc64949d5a9 Poland (PL) e9307603-a1dc-49f8-9040-b9a088ad3be8 Poland (PL) 723e6ae0-69b4-4a3b-a567-de145f561708 France (FR) dfa0e161-e177-46fc-a5a6-7d93160a31ee Sweden (SE) f3d666f7-2a8f-45d8-9ec7-c3173246ec96 Germany (DE) 7f6896fa-75da-4620-9c15-0649c1294d2f Hungary (HU) c9e118ce-3f6e-46fa-99be-eed62f1e21bf Spain (ES) ae51837e-4f81-4bfa-ab4b-57229b377549 France (FR)
Toxic Substances Control Act - TSCA	2CMT2023-006536

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	0.081 kg
Package Level 1 EAN	4013614534300

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)	2712828
E-Number (Sweden)	4030219

Categories

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

