PRODUCT-DETAILS

CT-ERC.12

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



General Information

Extended Product Type	CT-ERC.12
Product ID	1SVR508100R0000
EAN	4013614534317
Catalog Description	CT-ERC.12 Time relay, ON-delay 1c/o, 24-48VDC/24-240VAC
Long Description	The CT-ERC.12 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 1 c/o (SPDT) output rated at 250 V / 4 A.

Ordering

EAN	4013614534317
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical	2CDC110004C0210_01

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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	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	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 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 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715

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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	f001acf5-a161-41e7-b91c-26b273b31434 Germany (DE)
Simplified SCIP	d527d098-30d4-49b3-9941-2b6f8d436ba6 Germany (DE) dce31b32-2ca9-4f35-8201-74afad3fdb20 Poland (PL) 29d1fe00-3efe-47ed-975f-587a836e88b6 Norway (NO) 5e268c87-9f91-421c-ab6c-697c8a96143f Hungary (HU) 651f801e-3187-4405-a9bd-3681f014790f Bulgaria (BG) 484ba575-474d-4b9f-be0e-55ab6e742d23 Greece (GR) 85797548-20ab-4979-8ce8-81ae70f4157d Estonia (EE) 46968d40-0530-4dc3-b297-af073e0053e3 Sweden (SE) 7aabbd9c-9fcc-4fa6-9201-e4947ae1b035 Sweden (SE) b6a9253a-41ac-43d3-bd43-d52e49620036 France (FR) 47456910-883f-4229-872e-ff2e3bf990e5 Poland (PL) 8befcbde-59bc-4239-8607-9baf3a2104fd Denmark (DK) 09a69f1c-7421-4fc4-a87e-1dda0a19de2d Germany (DE) 2c142811-af17-41c8-9cd0-69f335a40a63 Belgium (BE) 8f3175e1-3632-4adf-88b4-88de7a637d88 Italy (IT) eb5be464-17fe-469f-9ef4-b57aa5491747 Finland (FI) 63d29f79-95e6-4f3b-8e1c-3cf5b3d92f20 Poland (PL) 54834da2-6d3c-41cf-af14-a78fd76912f0 Netherlands (NL) eb003df3-740d-4b68-ab79-0479e79a5180 Croatia (HR) 678402d9-6488-42a9-bb82-023822848993 Czech Republic (CZ) c8d28db5-e6e7-4778-babd-b859d1106adc Belgium (BE) e5e5e0b5-0715-47bd-9a82-8fd5575f0bc4 Germany (DE) aa420a6b-fb07-479f-a31f-dc1b5fbae610 Germany (DE) bb53bdd9-b874-4fa8-b88a-a81010f968f9 Hungary (HU) 1568b01e-f642-4863-8406-a744e191f387 France (FR) 3a3ed994-5394-42a0-b748-2becbd9ebebc Spain (ES)

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	271a1a89-17ee-49b1-8013-ce4d89b68b25 Portugal (PT)
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	0.065 kg
Package Level 1 EAN	4013614534317

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)	2712827
E-Number (Norway)	4189318
E-Number (Sweden)	4030218

Categories

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



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