



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.
Display Name:	CT-ERC.12

Ordering	
EAN:	4013614534317
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
EPLAN Data:	9AAC405924_EPLAN

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 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 Declaration:	1SVD981001-4401
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
SCIP:	f001acf5-a161-41e7-b91c-26b273b31434 Germany

Simplified SCIP:	d527d098-30d4-49b3-9941-2b6f8d436ba6 Germany dce31b32-2ca9-4f35-8201-74afad3fdb20 Poland 29d1fe00-3efe-47ed-975f-587a836e88b6 Norway 5e268c87-9f91-421c-ab6c-697c8a96143f Hungary 651f801e-3187-4405-a9bd-3681f014790f Bulgaria 484ba575-474d-4b9f-be0e-55ab6e742d23 Greece 85797548-20ab-4979-8ce8-81ae70f4157d Estonia 46968d40-0530-4dc3-b297-af073e0053e3 Sweden 7aabb9c-9fcc-4fa6-9201-e4947ae1b035 Sweden b6a9253a-41ac-43d3-bd43-d52e49620036 France 47456910-883f-4229-872e-ff2e3bf990e5 Poland 8befcbde-59bc-4239-8607-9baf3a2104fd Denmark 09a69f1c-7421-4fc4-a87e-1dda0a19de2d Germany 2c142811-af17-41c8-9cd0-69f335a40a63 Belgium 8f3175e1-3632-4adf-88b4-88de7a637d88 Italy eb5be464-17fe-469f-9ef4-b57aa5491747 Finland 63d29f79-95e6-4f3b-8e1c-3cf5b3d92f20 Poland 54834da2-6d3c-41cf-af14-a78fd76912f0 Netherlands eb003df3-740d-4b68-ab79-0479e79a5180 Croatia 678402d9-6488-42a9-bb82-023822848993 Czechia c8d28db5-e6e7-4778-babd-b859d1106adc Belgium e5e5e0b5-0715-47bd-9a82-8fd5575f0bc4 Germany aa420a6b-fb07-479f-a31f-dc1b5fbae610 Germany bb53bdd9-b874-4fa8-b88a-a81010f968f9 Hungary 1568b01e-f642-4863-8406-a744e191f387 France 3a3ed994-5394-42a0-b748-2becbd9ebebc Spain 271a1a89-17ee-49b1-8013-ce4d89b68b25 Portugal
Toxic Substances Control Act - TSCA:	2CMT2023-006536

Certificates and Declarations

CCC Certificate:	CCC_2019010303150608
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
Package Level 2 EAN:	4013614580338

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

Categories

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

