



PRODUCT-DETAILS

CT-ERD.12

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



General Information	
Extended Product Type	CT-ERD.12
Product ID	1SVR500100R0000
EAN	4013614350658
Catalog Description	CT-ERD.12 Time relay, ON-delay 1c/o, 24-240VAC 24-48VDC
Long Description	The CT-ERD.12 is a single-function electronic time relay from the CT-D 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 / 6 A.

Ordering	
EAN	4013614350658
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	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 _θ)	(230 V) 6 A
Rated Operational Current AC-15 (I _θ)	(230 V) 3 A
Rated Operational Current DC-12 (I _θ)	(24 V) 6 A
Rated Operational Current DC-13 (I _θ)	(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
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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 UL 94	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	fd48775a-6f36-4e9f-a96e-14298ce29582 Germany (DE)
Simplified SCIP	2f835f88-02b7-4458-bcdb-8013fe8a6ac6 Germany (DE) c0a3c6c6-5c86-4a3a-bfa5-14cdbf991a36 Germany (DE) 52ad026d-44c5-474c-92d5-cc2c06d0dd65 Hungary (HU) 0f5174c2-181a-4b87-8131-907b0b9f1f2c France (FR) f1ff7992-5a2e-4dd6-abad-032410217481 Norway (NO) d6c68938-687b-4e6e-a320-92ea05ed0445 Poland (PL) b5370cad-2f83-4263-8a39-819fb27a15c4 Portugal (PT) bb2e9c41-cb4a-4605-9ecc-1fbcce74ad29d Hungary (HU) 22a78b91-3edf-4ceb-9e1b-434d3bc586f1 Greece (GR) b61eef43-7d29-40a8-8c7b-881f987ee97e Bulgaria (BG) ac64a76a-a0f5-4407-9c3a-0db546ac21a4 Estonia (EE) fac9fabe-1f65-4e29-afd2-faa346ac0f81 Sweden (SE) 9d075b2f-fa3a-4304-bfa9-b2f20de195ca Sweden (SE) 8dfbdd1f-4b38-4745-a463-4bcfa5f5be517 Poland (PL) 9c73ef2d-aefd-4b86-907f-80fdd403d061 France (FR) 7638da17-b776-4e84-89dd-6f33308a634c Denmark (DK) 9872eeb5-f555-4fe6-bf4d-eb233578f096 Finland (FI) 551df2e5-c747-4f13-915f-e2c81773055f Italy (IT) 0e707a1f-a668-4c88-91e2-80dbcaef10f7 Belgium (BE) e328b804-066c-4ffb-be46-247b3598f9de Czech Republic (CZ) 971e5c5b-c97a-42a3-b785-1476b25b3bb1 Poland (PL) 99505722-148f-4802-b3bf-f34e8152c0b8 Netherlands (NL) 29c0cbbe-bf80-44e5-937a-25528e8d7f05 Croatia (HR) 32abf4db-d1a4-4892-9a14-c06800462e75 Germany (DE) ca68f2ea-82e6-4236-8f94-e0fb31697573 Germany (DE) 45753629-a4fb-4131-b48b-b827206a2a82 Spain (ES) 28db0e26-9d87-49dd-972e-7f1c85c95285 Belgium (BE)
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	1SVD981010-00
Declaration of Conformity	1SVD981010-10

- UKCA

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	4013614350658

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)	2712640
E-Number (Norway)	4364061
E-Number (Sweden)	4033006

Categories

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



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