



 PRODUCT-DETAILS

CT-ERD.22

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



General Information

Extended Product Type	CT-ERD.22
Product ID	1SVR500100R0100
EAN	4016779657679
Catalog Description	CT-ERD.22 Time relay, ON-delay 2c/o, 24-48VDC, 24-240VAC
Long Description	The CT-ERD.22 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 2 c/o (SPDT) output with contacts rated at 250 V / 5 A.

Ordering

EAN	4016779657679
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	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) 5 A
Rated Operational Current AC-15 (I_{θ})	(230 V) 3 A
Rated Operational Current DC-12 (I_{θ})	(24 V) 5 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 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/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	b8105d19-3d13-459b-8cca-89ff5b327cef Germany (DE)
Simplified SCIP	ff07a0a2-07c1-45a6-bb30-c1bc0b4b437f Germany (DE) 0dceee42-cca7-41b4-89d3-3a5c3442e7bc Hungary (HU) d6c1fce2-ec1d-4668-8c85-b47fda8c97ab France (FR) b440618f-225c-4942-87dc-807ae2d42afa Germany (DE) cdf1cd41-e35b-41ed-8b4d-990575505216 Belgium (BE) 923a9c33-5668-4c8f-9b67-92f469c6d3e6 Italy (IT) ae573cc6-4c13-402d-92f5-8e15a7f68545 Belgium (BE) d3606496-e548-4b3a-a90a-ab8488f61436 Finland (FI) 205d78e3-de78-4b73-9682-d502c1c81907 Poland (PL) 59dc051f-3bb3-4cc8-9ed1-3a3b402b309d Norway (NO) 19262e26-0e59-4787-a099-dda3243cfad5 France (FR) 9be40b7b-b9a7-4209-89ee-4a8d0b94b640 Sweden (SE) 11d2eef3-a4ea-42a0-a400-a03c4e33c44f Portugal (PT) f69e0e7a-0072-4dab-af6e-6d9cc678de14 Bulgaria (BG) da32c6ae-03d1-490b-85e8-1dc6b0acb2e2 Sweden (SE) da27c7aa-7c36-4219-81f2-1b6ef24128dc Poland (PL) e05c8100-2301-41eb-b7c0-fca4ad9d40c8 Denmark (DK) b1da0307-8405-4423-9620-cb40e0659b79 Germany (DE) d8f71457-d202-42e9-80f8-b444040cd449 Germany (DE) dc1a4ed1-98c9-4025-926c-3615534b9d52 Poland (PL) 252a30e3-33b6-465a-8f6f-4f6419b5e3ef Czech Republic (CZ) 6f637427-e77b-407b-b6cd-cc0ffd283232 Netherlands (NL) ca557b70-55b5-453a-95f1-fc7a4c4cd740 Greece (GR) 4b3d9ba7-227d-4635-8590-24fcade1b8c4 Hungary (HU) 0193e142-a74b-49db-b8df-9704778af68e Estonia (EE) e3db6b76-b722-4f5b-9918-35b786c3940d Croatia (HR) e63f2960-0a6a-460b-a163-9a8956ad8bd9 Spain (ES)
Toxic Substances Control Act - TSCA	2CMT2023-006536

Circular Value

End of Life Instructions	1SAC200319H0001
Environmental Information	1SAC200264H0001

Certificates and Declarations

CCC Certificate	CCC_2019010303150608
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CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981010-00
Declaration of Conformity - UKCA	1SVD981010-10
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	0.081 kg
Package Level 1 EAN	4016779657679

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)	2712820
E-Number (Sweden)	4030177

Categories

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

