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.
Display Name:	CT-ERC.22

Ordering

EAN:	4013614534300
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

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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:	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 Contacts
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

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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
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

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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
Package Level 2 EAN:	4013614580345

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):	2712828
E-Number (Norway):	4189319
E-Number (Sweden):	4030219

Categories

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



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