

Products Low Voltage Products and Systems Control Products Electronic Relays and Controls Time Relays

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.

Additional Information

Ambient Air Temperature:	Operation -20 ... +60 °C Storage -40 ... +85 °C
Analog Inputs:	0
CCC Certificate:	CCC_2005010303153177
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
Connecting Capacity UL/CSA:	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-16 AWG
Contact Rating UL/CSA:	C300
Country of Origin:	Germany (DE)
Customs Tariff Number:	85364900
Data Sheet, Technical Information:	2CDC111160D0201
Declaration of Conformity - CE:	1SVD981010-0000
Degree of Protection:	Housing IP50 Terminals IP20
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
EAN:	4016779657679
EPLAN Catalog Tree:	Electrical engineering / Relays, contactors / General
EPLAN Function Definition:	Coil / Coil, 2 connection points / Coil, with pick-up delay A1_A2 Change-over contact / Change-over contact, 3 connection points / Change-over contact, on-delay 16_15_18 Change-over contact / Change-over contact, 3 connection points / Change-over contact, on-delay 26_25_28
ETIM 4:	EC001439 - Timer relay
ETIM 5:	EC001439 - Timer relay
ETIM 6:	EC001439 - Timer relay
Environmental Information:	1SAA981011-2402
Housing Type:	Modular DIN-Rail
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Instructions and Manuals:	1SVC500010M1000
Invoice Description:	CT-ERD.22 Time relay, ON-delay 2c/o, 24-48VDC, 24-240VAC
Maximum Operating Voltage UL/CSA:	Output Circuit 300 V AC
Minimum Order Quantity:	1 piece
Mounting Position:	Anv

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
Number of Digital Inputs:	0
Object Classification Code:	K
Output:	2 c/o (SPDT) contacts
Overvoltage Category:	III
Package Level 1 EAN:	4016779657679
Package Level 1 Gross Weight:	0.081 kg
Package Level 1 Height:	65 mm
Package Level 1 Length:	20 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	89 mm
Pollution Degree:	3
Power Loss:	Approximately 2 W
Product Main Type:	CT-ERD
Product Name:	Time Relay
Product Net Depth:	63 mm
Product Net Height:	80 mm
Product Net Weight:	0.068 kg
Product Net Width:	17.5 mm
RMRS Certificate:	RMRS_1740021250
Rated Control Supply Voltage (U_s):	24 ... 240 V AC 24 ... 48 V DC
Rated Operational Current AC-12 (I_o):	(230 V) 5 A
Rated Operational Current AC-15 (I_o):	(230 V) 3 A
Rated Operational Current DC-12 (I_o):	(24 V) 5 A
Rated Operational Current DC-13 (I_o):	(24 V) 2 A
Regulatory Compliance Mark (RCM):	Yes
RoHS Date:	1146
RoHS Information:	1SVD981001-4400
RoHS Status:	Following EU Directive 2011/65/EC
Selling Unit of Measure:	piece
Short Description:	CT-ERD.22 Time relay, ON-delay
Short-Circuit Protective Devices:	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Standards:	IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14
Terminal Type:	Screw Terminals
Tightening Torque:	0.5 ... 0.8 N·m
Tightening Torque UL/CSA:	4.43 ... 7.08 in·lb
Time Range:	0.05 s - 100 h
Timer Relay Type:	ON-Delay
UL Certificate:	UL508_E140448
Wire Stripping Length:	7 mm
cUL Certificate:	cUL508_E140448
eClass:	7.0 27371790