

General Information

Extended Product Type:	CT-MFS.21S
Product ID:	1SVR730010R0200
EAN:	4016779851367
Catalog Description:	CT-MFS.21S Time relay, multifunction 2c/o, 24-240VAC/DC
Long Description:	The CT-MFS.21S is a multifunction electronic time relay from the CT-S timer range. It provides 10 timing functions with 10 time ranges from 0.05 s to 300 h. This time relay operates with a rated control supply voltage of 24 - 240 V AC / DC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. Two control inputs work with volt-free (floating) triggering. The CT-MFS.21S offers the possibility of connecting a remote potentiometer for the fine adjustment of the time delay. The second of the c/o contacts can be selected as an instantaneous contact. A sealable transparent cover for protection against unauthorized changes is available as accessory. The device offers screw connection technology with double-chamber cage connection terminals.

Additional Information

Ambient Air Temperature:	Operation -40 ... +60 °C Storage -40 ... +85 °C
Analog Inputs:	1
CB Certificate:	CB_DK-5903-M1
CCC Certificate:	CCC_2007010303255979
Connecting Capacity:	Flexible with Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Ferrule 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² 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 ... 2.5 mm ²
Connecting Capacity UL/CSA:	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
Contact Rating UL/CSA:	B300
Country of Origin:	Germany (DE)
Customs Tariff Number:	85364900
Data Sheet, Technical Information:	2CDC111121D0201
Declaration of Conformity - CE:	1SVD981008-0001
Degree of Protection:	Housing IP50 Terminals IP20
E-number:	4033107
EAC Certificate:	EAC_RU_C-DE.ME77.B.02016
EAN:	4016779851367
EPLAN Catalog Tree:	Electrical engineering / Relays, contactors / General
EPLAN Function Definition:	Coil / Coil, 2 connection points / Coil, multi-function relay A1_A2 Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 16_15_18 Change-over contact / Change-over contact, 3 connection points / Change-over auxiliary contact 22_21_24
ETIM 4:	EC001439 - Timer relay
ETIM 5:	EC001439 - Timer relay
ETIM 6:	EC001439 - Timer relay

Electrical Durability:	AC-12 100000 cycle
Environmental Information:	1SAA981016-2401
Instructions and Manuals:	1SVC730010M0000
Invoice Description:	CT-MFS.21S Time relay, multifunction 2c/o, 24-240VAC/DC
Maximum Operating Voltage UL/CSA:	Output Circuit 300 V AC
Mechanical Durability:	30000000 cycle
Minimum Order Quantity:	1 piece
Minimum Switching Capacity:	12 V 10 mA
Mounting Position:	Any
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:	2
Object Classification Code:	K
Output:	2 c/o (SPDT) contacts
Overvoltage Category:	III
Package Level 1 EAN:	4016779851367
Package Level 1 Gross Weight:	0.167 kg
Package Level 1 Height:	109 mm
Package Level 1 Length:	30 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	97 mm
Pollution Degree:	3
Power Loss:	Approximately 2 W
Product Main Type:	CT-MFS
Product Name:	Time Relay
Product Net Depth:	103.7 mm
Product Net Height:	85.6 mm
Product Net Weight:	0.145 kg
Product Net Width:	22.5 mm
RMRS Certificate:	RMRS_1740021250
Rated Control Supply Voltage (U_s):	24 ... 240 V AC/DC
Rated Frequency (f):	50 Hz 60 Hz DC Hz
Rated Impulse Withstand Voltage (U_{imp}):	Input Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV
Rated Insulation Voltage (U_i):	Input Circuit / Output Circuit 500 V Output Circuit 1 / Output Circuit 2 300 V
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
Regulatory Compliance Mark (RCM):	Yes
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 ms
RoHS Date:	1146
RoHS Information:	1SVD981008-0001
RoHS Status:	Following EU Directive 2011/65/EC
Selling Unit of Measure:	piece

Short Description:	CT-MFS.21S Time relay, multifunction
Short-Circuit Protective Devices:	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
Standards:	EN 50581 IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14
Terminal Type:	Screw Terminals
Tightening Torque:	0.6 ... 0.8 N·m
Tightening Torque UL/CSA:	7.08 in·lb
Time Range:	0.05 s - 300 h
Timer Relay Type:	ON-Delay OFF-Delay Impulse ON Impulse OFF Flasher with Reset, Starting with ON Flasher with Reset, Starting with OFF Pulse Former ON / OFF Function Symmetrical ON- and OFF-Delay Flasher Starting with ON or OFF Accumulative ON-Delay Star-Delta
Wire Stripping Length:	8 mm
cULus Certificate:	cULus508_20110711-E140448A
eClass:	7.0 27371790
DNV GL Certificate:	DNV_GL_TAA00000XR