

Detailed information for: CT-MVS.21S

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Data Sheet

Documentation

CT-MVS.21S

General Information

Extended Product Type:CT-MVS.21S

| | |
|----------------------|---|
| Product ID: | 1SVR730020R0200 |
| EAN: | 4016779851381 |
| Catalog Description: | CT-MVS.21S Time relay, multifunction 2c/o, 24-240VAC/DC |

Long Description: The CT-MVS.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. A control input works with voltage-related (non-floating) triggering. The CT-MVS.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.

Categories

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



Ordering

| | |
|-------------------------|---------------|
| EAN: | 4016779851381 |
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85364900 |

Container Information

| | |
|-------------------------------|---------|
| Package Level 1 Units: | 1 piece |
| Package Level 1 Width: | 97 mm |
| Package Level 1 Length: | 30 mm |
| Package Level 1 Height: | 109 mm |
| Package Level 1 Gross Weight: | 0.17 kg |

Package Level 1 EAN: 4016779851381

Dimensions

Product Net Width: 22.5 mm

Product Net Height: 85.6 mm

Product Net Depth: 103.7 mm

Product Net Weight: 0.148 kg

Technical

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

Time Range: 0.05 s - 300 h

Rated Control Supply Voltage (U_s): 24 ... 240 V AC/DC

Rated Frequency (f): 50 Hz
60 Hz
DC Hz

Output: 2 c/o (SPDT) 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
10 mA

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

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

Electrical Durability: AC-12 100000 cycle

Mechanical Durability: 30000000 cycle

Connecting Capacity: Flexible with Ferrule 1x 0.5 ... 2.5 mm²
Flexible with Ferrule 2x 0.5 ... 1.5 mm²
Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm²

Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm²
Flexible 1x 0.5 ... 2.5 mm²
Flexible 2x 0.5 ... 1.5 mm²
Rigid 1x 0.5 ... 4 mm²
Rigid 2x 0.5 ... 2.5 mm²

Tightening Torque: 0.6 ... 0.8 N·m

Wire Stripping Length: 8 mm

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

Standards: EN 50581
IEC/EN 61812-1
UL 508
CAN/CSA C22.2 No.14

Environmental

Ambient Air Temperature: Operation -40 ... +60 °C
Storage -40 ... +85 °C

RoHS Status: Following EU Directive 2011/65/EC

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 20-14 AWG

Tightening Torque UL/CSA: 7.08 in·lb

Certificates and Declarations (Document Number)

CB Certificate: [CB_DK-5903-M1](#)

CCC Certificate: [CCC_2007010303255979](#)

cULus Certificate: [cULus508_20110711-E140448A](#)

Data Sheet, Technical Information: [2CDC111123D0201](#)

Declaration of Conformity - CE: [1SVD981008-0001](#)

DNV GL Certificate: [DNV_GL_TAA00000XR](#)

EAC Certificate: [EAC_RU_C-DE.ME77.B.02016](#)

Environmental Information: [1SAA981016-2401](#)

Instructions and Manuals: [1SVC730020M0000](#)

RMRS Certificate: [RMRS_1740021250](#)

RoHS Information: [1SVD981008-0001](#)

Classifications

Object Classification Code: K

E-nummer: 4033108

ETIM 4: EC001439 - Timer relay

ETIM 5: EC001439 - Timer relay

ETIM 6: EC001439 - Timer relay

eClass: 7.0 27371790

Contact information

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