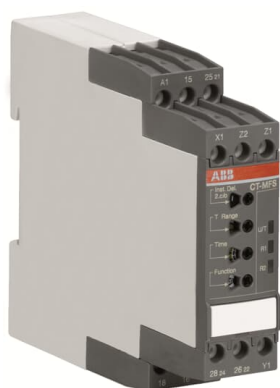


PRODUCT-DETAILS

CT-MFS.21P

CT-MFS.21P Time relay, multifunction 2c/o, 24-240VAC/DC



General Information

| | |
|-----------------------|---|
| Extended Product Type | CT-MFS.21P |
| Product ID | 1SVR740010R0200 |
| EAN | 4016779851572 |
| Catalog Description | CT-MFS.21P Time relay, multifunction 2c/o, 24-240VAC/DC |

Long Description

The CT-MFS.21P 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.21P 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 maintenance free Easy Connect Technology with push-in terminals.

Ordering

| | |
|------------------------|---------------|
| EAN | 4016779851572 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85364900 |

Popular Downloads

| | |
|-----------------------------------|------------------------------------|
| Data Sheet, Technical Information | 2CDC110004C0210_01 |
| Instructions and Manuals | 1SVC730050M1000 1SVC730050M0000 |

CAD Dimensional
Drawing

2CDC001079B0201

Dimensions

| | |
|----------------------------|----------|
| Product Net Width | 22.5 mm |
| Product Net Height | 85.6 mm |
| Product Net Depth / Length | 103.7 mm |
| Product Net Weight | 0.133 kg |

Technical

| | |
|--|---|
| Function | Remote potentiometer connection |
| Timer Relay Type | Impulse OFF Impulse ON OFF-Delay ON-Delay Star-Delta |
| Time Range | 0.05 s ... 300 h |
| Rated Control Supply Voltage (U_s) | 24 ... 240 V AC/DC |
| Rated Operational Voltage | Auxiliary Circuit 250 V |
| Rated Frequency (f) | DC 50 Hz 60 Hz |
| Output | 2 c/o (SPDT) contacts |
| Terminal Type | Screwless Terminals |
| Rated Operational Current AC-12 (I_{θ}) | (230 V) 4 A |
| Rated Operational Current AC-15 (I_{θ}) | (230 V) 3 A |
| Rated Operational Current DC-12 (I_{θ}) | (24 V) 4 A |
| Rated Operational Current DC-13 (I_{θ}) | (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 2x 0.5 ... 1.5 mm ² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 2x 0.5 ... 1.5 mm ² |
| Wire Stripping Length | 8 mm |
| Mounting Position | 1 ... 6 |
| Mounting on DIN Rail | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 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 |
| Contact Rating UL/CSA | B300 |
| Connecting Capacity UL/CSA | Flexible 2x 18-16 AWG Rigid 2x 20-16 AWG |
| Pilot Duty UL/CSA | B300 |
| Flammability According to UL94 | V-0 |

Environmental

| | |
|--|--|
| Ambient Air Temperature | Operation -40 ... +60 °C Storage -40 ... +85 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m |
| RoHS Status | Following EU Directive 2011/65/EU |

Circular Value

| | |
|--------------------------|-----------------|
| End of Life Instructions | 1SAC200290H0001 |
|--------------------------|-----------------|

Certificates and Declarations

| | |
|----------------------------------|-----------------------------|
| CQC Certificate | CQC2007010303255979 |
| cULus Certificate | cULus508_20110711-E140448A |
| Declaration of Conformity - CCC | 2020980303000207 |
| Declaration of Conformity - CE | 1SVD981008 |
| Declaration of Conformity - UKCA | 1SVD981008-10 |
| DNV GL Certificate | DNV GL TAA00000XR |
| EAC Certificate | EAC_RU_C-DE.ME77.B.00568/20 |
| RMRS Certificate | RMRS 1740021250 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 97 mm |
| Package Level 1 Depth / Length | 30 mm |
| Package Level 1 Height | 109 mm |
| Package Level 1 Gross Weight | 0.156 kg |
| Package Level 1 EAN | 4016779851572 |

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) | 2712213 |
| E-Number (Sweden) | 4033125 |

Categories

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

