# CT-SDS.23P

## CT-SDS.23P Time relay, star-delta 2n/o, 380-440VAC



## General Information

| | |
|---|---|
| Extended Product Type | CT-SDS.23P |
| Product ID | 1SVR740211R2300 |
| EAN | 4016779851756 |
| Catalog Description | CT-SDS.23P Time relay, star-delta 2n/o, 380-440VAC |
| Long Description | The CT-SDS.23P is a single-function electronic time relay from the CT-S timer range. It provides a star-delta function with 7 time ranges from 0.05 s to 10 min. and a fixed transition time of 50 ms. This time relay operates with a rated control supply voltage of 380 - 440 V AC and has a 2 n/o output with contacts rated at 250 V / 4 A. 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 | 4016779851756 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85364900 |

## Popular Downloads

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

## Dimensions

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|---|---|
| Product Net Width | 22.5 mm |
| Product Net Height | 85.6 mm |
| Product Net Depth / Length | 103.7 mm |
| Product Net Weight | 0.112 kg |

## Technical

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|---|---|
| Timer Relay Type | Star-Delta |
| Time Range | 0.05 s ... 10 min |
| Rated Control Supply Voltage ($U_s$) | 380 ... 440 V AC |
| Rated Frequency (f) | 50 Hz<br>60 Hz |
| Output | 2 n/o contacts |
| Terminal Type | Screwless 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<br>10 mA |
| Rated Impulse Withstand Voltage ($U_{imp}$) | Input Circuit 4 kV<br>Output Circuit 1 / Output Circuit 2 4 kV |
| Rated Insulation Voltage ($U_i$) | Input Circuit / Output Circuit 500 V<br>Output Circuit 1 / Output Circuit 2 300 V |
| Degree of Protection | Housing IP50<br>Terminals IP20 |
| Overvoltage Category | III |
| Pollution Degree | 3 |
| Short-Circuit Protective Devices | Output Circuit NC - F Type Fuses 6 A<br>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 mm²<br>Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm²<br>Flexible 2x 0.5 ... 1.5 mm²<br>Rigid 2x 0.5 ... 1.5 mm² |
| Wire Stripping Length | 8 mm |
| Mounting Position | 1 ... 6 |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Standards | CAN/CSA C22.2 No.14<br>IEC/EN 63000<br>IEC/EN 61812-1<br>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<br>Rigid 2x 20-16 AWG |

## Environmental

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|---|---|
| Ambient Air Temperature | Operation -25 ... +60 °C<br>Storage -40 ... +85 °C |
| Maximum Operating Altitude Permissible | Without Derating 2000 m |
| RoHS Status | Following EU Directive 2011/65/EU |

## Certificates and Declarations (Document Number)

| | |
|---|---|
| CQC Certificate | CQC2007010303255979 |
| cULus Certificate | cULus508_20110711-E140448A |
| Data Sheet, Technical Information | 2CDC110004C0210_01 |
| 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 |
| Instructions and Manuals | 1SVC730050M1000 |
| RMRS Certificate | RMRS_1740021250 |
| RoHS Information | 1SVD981008 |

## 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 | 0.134 kg |
| Package Level 1 EAN | 4016779851756 |

## Classifications

| | |
|---|---|
| Object Classification Code | K |
| ETIM 4 | EC001439 - Timer relay |
| ETIM 5 | EC001439 - Timer relay |
| ETIM 6 | EC001439 - Timer relay |
| ETIM 7 | EC001439 - Timer relay |
| eClass | V11.0 : 27371605 |
| UNSPSC | 39121519 |
| E-Number (Finland) | 2712231 |
| E-Number (Sweden) | 4033143 |

## Categories

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