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## PRODUCT-DETAILS

### CT-MVS.23S

### CT-MVS.23S Time relay, multifunction 2c/o, 380-440VAC




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#### General Information

Extended Product Type	CT-MVS.23S
Product ID	1SVR730021R2300
EAN	4016779851411
Catalog Description	CT-MVS.23S Time relay, multifunction 2c/o, 380-440VAC
Long Description	<p>The CT-MVS.23S 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 380 - 440 V AC 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. 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.</p>

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#### Ordering

EAN	4016779851411
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

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#### Popular Downloads

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

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#### Dimensions

Product Net Width	22.5 mm
Product Net Height	85.6 mm
Product Net Depth / Length	103.7 mm
<u>Product Net Weight</u>	<u>0.144 kg</u>

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**Technical**

Timer Relay Type	Impulse OFF Impulse ON OFF-Delay ON-Delay Star-Delta
Time Range	0.05 s ... 300 h
Rated Control Supply Voltage ( $U_s$ )	380 ... 440 V AC
Rated Frequency (f)	50 Hz 60 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 mm <sup>2</sup> Flexible with Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible 1x 0.5 ... 2.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 1x 0.5 ... 4 mm <sup>2</sup> Rigid 2x 0.5 ... 2.5 mm <sup>2</sup>
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	8 mm
Recommended Screw Driver	4.5 0.8 x 4 Pozidriv 1
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 <u>UL 508</u>

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**Technical UL/CSA**

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300

Connecting Capacity <u>UL/CSA</u>	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 2x 20-14 AWG Rigid 1x 20-12 AWG
Tightening Torque <u>UL/CSA</u>	7.08 in·lb

**Environmental**

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

**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
Environmental Information	1SAC200095H0001
Instructions and Manuals	1SVC730050M1000 1SVC730050M0000
RMRS Certificate	RMRS_1740021250
<u>RoHS Information</u>	<u>1SVD981008</u>

**Container Information**

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	0.167 kg
<u>Package Level 1 EAN</u>	<u>4016779851411</u>

**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
ETIM 8	EC001439 - Timer relay
eClass	V11.0 : 27371605
UNSPSC	39121519
E-Number (Finland)	2712199
E-Number (Sweden)	4033111

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## Categories

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

