

## General Information

<b>Extended Product Type:</b>	CT-MVS.21S
<b>Product ID:</b>	1SVR730020R0200
<b>EAN:</b>	4016779851381
<b>Catalog Description:</b>	CT-MVS.21S Time relay, multifunction 2c/o, 24-240VAC/DC
<b>Long Description:</b>	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 h 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.

## Additional Information

<b>Ambient Air Temperature:</b>	Operation -40 ... +60 °C Storage -40 ... +85 °C
<b>Analog Inputs:</b>	1
<b>CB Certificate:</b>	CB_DK-5903-M1
<b>CCC Certificate:</b>	CCC_2007010303255979
<b>Connecting Capacity:</b>	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>
<b>Connecting Capacity UL/CSA:</b>	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-14 AWG
<b>Contact Rating UL/CSA:</b>	B300
<b>Country of Origin:</b>	Germany (DE)
<b>Customs Tariff Number:</b>	85364900
<b>Data Sheet, Technical Information:</b>	2CDC111123D0201
<b>Declaration of Conformity - CE:</b>	1SVD981008-0001
<b>Degree of Protection:</b>	Housing IP50 Terminals IP20
<b>E-number:</b>	4033108
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.02016
<b>EAN:</b>	4016779851381
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Relays, contactors / General
<b>EPLAN Function Definition:</b>	Coil / Coil with special drive, 3 connection points / Multi-function relay, 3 connection points A1_A2_Y1/B1 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
<b>ETIM 4:</b>	EC001439 - Timer relay
<b>ETIM 5:</b>	EC001439 - Timer relay

<b>ETIM 6:</b>	EC001439 - Timer relay
<b>Electrical Durability:</b>	AC-12 100000 cycle
<b>Environmental Information:</b>	1SAA981016-2401
<b>Instructions and Manuals:</b>	1SVC730020M0000
<b>Invoice Description:</b>	CT-MVS.21S Time relay, multifunction 2c/o, 24-240VAC/DC
<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC
<b>Mechanical Durability:</b>	30000000 cycle
<b>Minimum Order Quantity:</b>	1 piece
<b>Minimum Switching Capacity:</b>	12 V 10 mA
<b>Mounting Position:</b>	Any
<b>Mounting on DIN Rail:</b>	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
<b>Number of Digital Inputs:</b>	1
<b>Object Classification Code:</b>	K
<b>Output:</b>	2 c/o (SPDT) contacts
<b>Overvoltage Category:</b>	III
<b>Package Level 1 EAN:</b>	4016779851381
<b>Package Level 1 Gross Weight:</b>	0.17 kg
<b>Package Level 1 Height:</b>	109 mm
<b>Package Level 1 Length:</b>	30 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	97 mm
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	Approximately 2 W
<b>Product Main Type:</b>	CT-MVS
<b>Product Name:</b>	Time Relay
<b>Product Net Depth:</b>	103.7 mm
<b>Product Net Height:</b>	85.6 mm
<b>Product Net Weight:</b>	0.148 kg
<b>Product Net Width:</b>	22.5 mm
<b>RMRS Certificate:</b>	RMRS_1740021250
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	24 ... 240 V AC/DC
<b>Rated Frequency (f):</b>	50 Hz 60 Hz DC Hz
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Input Circuit 4 kV Output Circuit 1 / Output Circuit 2 4 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	Input Circuit / Output Circuit 500 V Output Circuit 1 / Output Circuit 2 300 V
<b>Rated Operational Current AC-12 (I<sub>e</sub>):</b>	(230 V) 4 A
<b>Rated Operational Current AC-15 (I<sub>e</sub>):</b>	(230 V) 3 A
<b>Rated Operational Current DC-12 (I<sub>e</sub>):</b>	(24 V) 4 A
<b>Rated Operational Current DC-13 (I<sub>e</sub>):</b>	(24 V) 2 A
<b>Regulatory Compliance Mark (RCM):</b>	Yes
<b>RoHS Date:</b>	1146
<b>RoHS Information:</b>	1SVD981008-0001
<b>RoHS Status:</b>	Following EU Directive 2011/65/EC
<b>Selling Unit of Measure:</b>	piece
<b>Short Description:</b>	CT-MVS.21S Time relay, multifunction

<b>Short-Circuit Protective Devices:</b>	Output Circuit NC - F Type Fuses 6 A Output Circuit NO - F Type Fuses 10 A
<b>Standards:</b>	EN 50581 IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14
<b>Terminal Type:</b>	Screw Terminals
<b>Tightening Torque:</b>	0.6 ... 0.8 N·m
<b>Tightening Torque UL/CSA:</b>	7.08 in·lb
<b>Time Range:</b>	0.05 s - 300 h
<b>Timer Relay Type:</b>	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
<b>Wire Stripping Length:</b>	8 mm
<b>cULus Certificate:</b>	cULus508_20110711-E140448A
<b>eClass:</b>	7.0 27371790
<b>DNV GL Certificate:</b>	DNV_GL_TAA00000XR

