

## General Information

Extended Product Type:	CT-MVS.21P
Product ID:	1SVR740020R0200
EAN:	4016779851596
Catalog Description:	CT-MVS.21P Time relay, multifunction 2c/o, 24-240VAC/DC
Long Description:	The CT-MVS.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. A control input works with voltage-related (non-floating) triggering. The CT-MVS.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.

## Categories

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

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900
EAN:	4016779851596

## Container Information

Package Level 1 Width:	97 mm
Package Level 1 Length:	30 mm
Package Level 1 Height:	109 mm
Package Level 1 Gross Weight:	0.159 kg
Package Level 1 Units:	1 piece

## Dimensions

Product Net Height:	85.6 mm
Product Net Depth:	103.7 mm
Product Net Weight:	0.136 kg
Product Net Width:	22.5 mm

## Technical

Time Range:	0.05 s - 300 h
Rated Control Supply Voltage ( $U_s$ ):	24 ... 240 V AC 24 ... 48 V DC
Rated Frequency (f):	50 Hz 60 Hz DC Hz
Output:	2 c/o (SPDT) 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 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

<b>Electrical Durability:</b>	AC-12 100000 cycle
<b>Mechanical Durability:</b>	30000000 cycle
<b>Connecting Capacity:</b>	Flexible with Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> Flexible 2x 0.5 ... 1.5 mm <sup>2</sup> Rigid 2x 0.5 ... 1.5 mm <sup>2</sup>
<b>Wire Stripping Length:</b>	8 mm
<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>Standards:</b>	IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No. 14
<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

## Environmental

<b>RoHS Status:</b>	Following EU Directive 2011/65/EC
<b>Ambient Air Temperature:</b>	Operation -40 ... +60 °C Storage -40 ... +85 °C

## Technical UL/CSA

<b>Contact Rating UL/CSA:</b>	B300
<b>Connecting Capacity UL/CSA:</b>	Flexible 2x 18-16 AWG Rigid 2x 20-16 AWG
<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC

## Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	1SVC730020M0000
<b>CB Certificate:</b>	CB_DK-5903-M1
<b>CCC Certificate:</b>	CCC_2007010303255979
<b>cULus Certificate:</b>	cULus508_20110711-E140448A
<b>Data Sheet, Technical Information:</b>	2CDC111123D0201
<b>Declaration of Conformity - CE:</b>	1SVD981008-0000
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.02016
<b>GL Certificate:</b>	GL_36671-11HH
<b>GOST Certificate:</b>	GOST_POCC_DE.AB76.D02256
<b>RMRS Certificate:</b>	RMRS_12.04010.250
<b>RoHS Information:</b>	1SVD981001-4400

## Classifications

<b>E-number:</b>	4033127
<b>ETIM 4:</b>	EC001439 - Timer relay
<b>ETIM 5:</b>	EC001439 - Timer relay
<b>ETIM 6:</b>	EC001439 - Timer relay
<b>eClass:</b>	7.0 27371790
<b>Object Classification Code:</b>	K

