



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

Extended Product Type:	CT-MBS.22S
Product ID:	1SVR730010R3200
EAN:	4016779851374
Catalog Description:	CT-MBS.22S Time relay, multifunction 2c/o, 24-48VDC, 24-240VAC
Long Description:	The CT-MBS.22S 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 - 48 V DC / 24 - 240 V AC and has a 2 c/o (SPDT) output with contacts rated at 250 V / 4 A. A control input works with volt-free (floating) triggering. The CT-MBS.22S 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.

## Categories

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

## Ordering

EAN:	4016779851374
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

## Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	97 mm
Package Level 1 Length:	30 mm
Package Level 1 Height:	109 mm
Package Level 1 Gross Weight:	0.162 kg

## Dimensions

Product Net Width:	22.5 mm
Product Net Height:	85.6 mm
Product Net Depth:	103.7 mm
Product Net Weight:	0.14 kg

## Technical

Timer Relay Type:	Multifunction ON-Delay OFF-Delay Impulse-ON Impulse-OFF ON- and OFF-Delay Flasher Starting with ON Flasher Starting with OFF Star-Delta Pulse Generator
Time Range:	0.05 s - 300 h
Rated Control Supply Voltage (U <sub>s</sub> ):	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:	Screw Terminals
Rated Operational Current AC-12 (I <sub>e</sub> ):	(230 V) 4 A
Rated Operational Current AC-15 (I <sub>e</sub> ):	(230 V) 3 A
Rated Operational Current DC-12 (I <sub>e</sub> ):	(24 V) 4 A
Rated Operational Current DC-13 (I <sub>e</sub> ):	(24 V) 2 A
Minimum Switching Capacity:	12 V 10 mA
Rated Impulse Withstand Voltage	Input Circuit 4 kV

<b>(U<sub>imp</sub>):</b>	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>Degree of Protection:</b>	Housing IP50 Terminals IP20
<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	3
<b>Short-Circuit Protective Devices:</b>	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 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>Tightening Torque:</b>	0.6 ... 0.8 N·m
<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 61812-1 EN 61812-1 + A11 DIN VDE 0435 part 2021

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +85 °C
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Output Circuit 300 V AC
<b>Contact Rating UL/CSA:</b>	B300
<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>Tightening Torque UL/CSA:</b>	7.08 in·lb

## Certificates and Declarations (Document Number)

<b>CB Certificate:</b>	CB_DK-5903-M1
<b>CCC Certificate:</b>	CCC_2007010303255979_for_1SVR7
<b>cULus Certificate:</b>	cULus508_20110711-E140448A
<b>Declaration of Conformity - CE:</b>	1SAD938502-0201
<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>	1SAA981055-4401

## Classifications

<b>Object Classification Code:</b>	K
<b>E-nummer:</b>	4033144
<b>ETIM 4:</b>	EC001439 - Timer relay
<b>ETIM 5:</b>	EC001439 - Timer relay
<b>eClass:</b>	7.0 27371790





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Product	Code	Reference	Product link
CT-MBS.22S Time relay, multifunction 2c/o, 24-48VDC, 24-240VAC	1SVR730010R3200	CT-MBS.22S	<a href="#">Buy on EAN</a>