

# CT-SDS.23S



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

## General Information

<b>Extended Product Type:</b>	CT-SDS.23S
<b>Product ID:</b>	1SVR730211R2300
<b>EAN:</b>	4016779851541
<b>Catalog Description:</b>	CT-SDS.23S Time relay, star-delta 2n/o, 380-440VAC
<b>Long Description:</b>	The CT-SDS.23S 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 screw connection technology with double-chamber cage connection terminals.

## Ordering

<b>EAN:</b>	4016779851541
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85364900

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	97 mm
<b>Package Level 1 Length:</b>	30 mm
<b>Package Level 1 Height:</b>	109 mm
<b>Package Level 1 Gross Weight:</b>	0.14 kg
<b>Package Level 1 EAN:</b>	4016779851541

## Dimensions

<b>Product Net Width:</b>	22.5 mm
<b>Product Net Height:</b>	85.6 mm
<b>Product Net Depth:</b>	103.7 mm
<b>Product Net Weight:</b>	0.118 kg

## Technical

<b>Timer Relay Type:</b>	Star-Delta
<b>Time Range:</b>	0.05 s - 10 min
<b>Rated Control Supply Voltage (U<sub>s</sub>):</b>	380 ... 440 V AC

<b>Rated Frequency (f):</b>	50 Hz 60 Hz
<b>Output:</b>	2 n/o contacts
<b>Terminal Type:</b>	Screw Terminals
<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>Minimum Switching Capacity:</b>	12 V 10 mA
<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>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>	EN 50581 IEC/EN 61812-1 UL 508 CAN/CSA C22.2 No.14

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +85 °C
<b>RoHS Status:</b>	Following EU Directive 2011/65/EU

## 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
<b>cULus Certificate:</b>	cULus508_20110711-E140448A
<b>Data Sheet, Technical Information:</b>	2CDC111128D0201
<b>Declaration of Conformity - CE:</b>	1SVD981008-0001
<b>DNV GL Certificate:</b>	DNV_GL_TAA00000XR
<b>EAC Certificate:</b>	EAC_RU_C-DE.ME77.B.02016
<b>Environmental Information:</b>	1SAA981016-2401
<b>Instructions and Manuals:</b>	1SVC730020M0000
<b>RMRS Certificate:</b>	RMRS_1740021250
<b>RoHS Information:</b>	1SVD981008-0001

## Classifications

<b>Object Classification Code:</b>	K
<b>E-number:</b>	4033124
<b>ETIM 4:</b>	EC001439 - Timer relay
<b>ETIM 5:</b>	EC001439 - Timer relay
<b>ETIM 6:</b>	EC001439 - Timer relay
<b>ETIM 7:</b>	EC001439 - Timer relay
<b>eClass:</b>	7.0 27371790
<b>UNSPSC:</b>	39121519

