CT-APS.21S

CT-APS.21S Time relay, OFF-delay 2c/o, 24-240VAC/DC

General Information

Extended Product Type	CT-APS.21S
Product ID	1SVR730180R0300
EAN	4016779851503
Catalog Description	CT-APS.21S Time relay, OFF-delay 2c/o, 24-240VAC/DC
Long Description	The CT-APS.21S is a single-function electronic time relay from the CT-S timer range. It provides an OFF-delay (delay on break) function 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. 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

EAN	4016779851503
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 Depth / Length	30 mm
Package Level 1 Height	109 mm

Package Level 1 Gross Weight	0.168 kg
Package Level 1 EAN	4016779851503

Dimensions

Product Net Width	22.5 mm
Product Net Height	85.6 mm
Product Net Depth / Length	103.7 mm
Product Net Weight	0.146 kg

Technical

Timer Relay Type	OFF-Delay
Time Range	0.05 s ... 300 h
Rated Control Supply Voltage (U_s)	24 ... 240 V AC/DC
Rated Frequency (f)	50 Hz 60 Hz DC
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 mm² Flexible with Ferrule 2x 0.5 ... 1.5 mm² Flexible with Insulated Ferrule 1x 0.5 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.5 ... 1.5 mm² Flexible 1x 0.5 ... 2.5 mm² Flexible 2x 0.5 ... 1.5 mm² Rigid 1x 0.5 ... 4 mm² Rigid 2x 0.5 ... 2.5 mm²
Tightening Torque	0.6 ... 0.8 N·m
Wire Stripping Length	8 mm
Mounting Position	Any
Mounting on DIN Rail	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
Standards	CAN/CSA C22.2 No.14 EN 50581 IEC/EN 61812-1

UL 508

Environmental

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

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	B300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG
	Flexible 2x 18-16 AWG
	Rigid 1x 20-12 AWG
	Rigid 2x 20-14 AWG
Tightening Torque UL/CSA	7.08 in·lb

Certificates and Declarations (Document Number)

CB Certificate	CB_DK-5903-M1
CCC Certificate	CCC_2007010303255979
cULus Certificate	cULus508_20110711-E140448A
Data Sheet, Technical Information	2CDC111116D0201
Declaration of Conformity - CE	1SVD981008-0001
DNV GL Certificate	DNV_GL_TAA00000XR
EAC Certificate	EAC_RU_C-DE.ME77.B.00568/20
Environmental Information	1SAA981016-2401
Instructions and Manuals	1SVC730020M0000
RMRS Certificate	RMRS_1740021250
RoHS Information	1SVD981008-0001

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
eClass	7.0 27371790
UNSPSC	39121519
E-Number (Sweden)	4033120

Categories

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