



 PRODUCT-DETAILS

CT-AHD.22

CT-AHD.22 Time relay, OFF-delay 2c/o, 24-48VDC, 24-240VAC



General Information

Extended Product Type	CT-AHD.22
Product ID	1SVR500110R0100
EAN	4016779657686
Catalog Description	CT-AHD.22 Time relay, OFF-delay 2c/o, 24-48VDC, 24-240VAC
Long Description	The CT-AHD.22 is a single-function electronic time relay from the CT-D timer range. It provides an OFF-delay (delay on break) function with 7 time ranges from 0.05 s to 100 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 / 5 A. A control input works with voltage-related (non-floating) triggering.

Ordering

EAN	4016779657686
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500010M1000 1SVC500010M0000
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	17.5 mm
Product Net Height	80 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.066 kg

Technical

Timer Relay Type	OFF-Delay
Time Range	0.05 s ... 100 h
Rated Control Supply Voltage (U _s)	24 ... 240 V AC 24 ... 48 V DC
Rated Operational Voltage	Auxiliary Circuit 250 V
Rated Frequency (f)	50 / 60 Hz DC
Output	2 c/o (SPDT) contacts
Terminal Type	Screw Terminals
Rated Operational Current AC-12 (I _e)	(230 V) 5 A
Rated Operational Current AC-15 (I _e)	(230 V) 3 A
Rated Operational Current DC-12 (I _e)	(24 V) 5 A
Rated Operational Current DC-13 (I _e)	(24 V) 2 A
Rated Impulse Withstand Voltage (U _{imp})	Input Circuit 4 kV
Rated Insulation Voltage (U _i)	Input Circuit / Output Circuit 300 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
Connecting Capacity	Flexible 1x 0.5 ... 2.5 mm ² Flexible 2x 0.5 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.5 ... 1.5 mm ²
Tightening Torque	0.5 ... 0.8 N·m
Wire Stripping Length	7 mm
Recommended Screw Driver	0.8 x 4 Pozidriv 1
Mounting Position	1 ... 6
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

IEC/EN 63000
IEC/EN 61812-1
UL 508

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Output Circuit 300 V AC
Contact Rating UL/CSA	C300
Connecting Capacity UL/CSA	Flexible 1x 18-14 AWG Flexible 2x 18-16 AWG Rigid 1x 20-12 AWG Rigid 2x 20-16 AWG
Tightening Torque UL/CSA	4.43 ... 7.08 in-lb
Pilot Duty UL/CSA	C300
Flammability According to UL94	V-2

Environmental

Ambient Air Temperature	Operation -20 ... +60 °C Storage -40 ... +85 °C
Maximum Operating Altitude Permissible	Without Derating 2000 m

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	1SVD981001-4501
RoHS Information	1SVD981001-4401
RoHS Status	Following EU Directive 2011/65/EU
SCIP	82a0998e-7fb6-4652-a41f-8b477025de93 Germany (DE)
Simplified SCIP	fedd6269-c8f3-4dc8-b835-8ef80431936e Germany (DE) 5cf08dc5-b122-4cea-bb72-4031ca6ba5ee Germany (DE) 1f41a50c-c8ed-4dad-b830-2e98e288802a Italy (IT) c1e4d83b-6174-41cd-9fad-b7957e2c8e40 Belgium (BE) d7ed46e0-b94c-43ed-a39a-265202122c69 Poland (PL) 309e6cc5-127c-4810-81fa-bfa402a0ebaa Norway (NO) 42cfd114-218e-48da-be20-c5fe65688e5b Portugal (PT) 3bb11269-a210-4e22-9aaa-754a7d9bd875 Sweden (SE) e4cb1cac-1170-4bc2-b5d0-07b71d92ac3e France (FR) d0e3e6c8-fb8f-436b-a5d9-a1f872f425f8 Poland (PL) e70e7b3f-5cca-47d1-b82d-37a3e22dd6e4 Sweden (SE) 8e360753-8fc8-4262-8bca-e77b256bbacd Estonia (EE) db026308-407b-46ce-9033-4d25ba3da7ff Greece (GR) 64b76ce1-80f6-489e-8ae7-b8857a648a1c Bulgaria (BG) dfd6476e-2272-450f-82d6-8748b6f9c65b Finland (FI) e4e7070b-c133-4aa3-afec-1e5508741ba8 Germany (DE) f50ae3ad-43ac-4634-b3de-7094a3ad9073 Denmark (DK) 5ec22ae7-881d-4646-9d5c-23ec83d87f25 Czech Republic (CZ) 36750931-8698-4ce6-a4f7-5b7e4098e1f6 Croatia (HR) 3c30c687-4968-485a-9e22-379c5a58139a Poland (PL) c9dfc2b5-1a0f-4bbd-8bdc-0c0e1255fdec Netherlands (NL) 9d1f4fff-50a3-4b5a-b7b4-179e1bb41dbb Hungary (HU) f1f795e2-ddfb-475f-a863-4dbacbcc4b29 Germany (DE) fbbee91d-45fe-4bed-a1cb-c5fa8b22fffe Belgium (BE) 50945c28-322f-4465-92c3-2078d0bcdec3 Spain (ES) c5873dbb-4d28-47d4-9d2e-79a84763424b Hungary (HU) a74e9751-9ac0-465e-b24a-ec7620ef182f France (FR)

Toxic Substances
Control Act - TSCA

2CMT2023-006536

Circular Value

End of Life Instructions	1SAC200319H0001
Environmental Information	1SAC200264H0001

Certificates and Declarations

CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981010-00
Declaration of Conformity - UKCA	1SVD981010-10
RMRS Certificate	RMRS_1740021250

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	89 mm
Package Level 1 Depth / Length	20 mm
Package Level 1 Height	65 mm
Package Level 1 Gross Weight	0.079 kg
Package Level 1 EAN	4016779657686

Classifications

Object Classification Code	K
ETIM 7	EC001439 - Timer relay
ETIM 8	EC001439 - Timer relay
ETIM 9	EC001439 - Timer relay
eClass	V11.0 : 27371605
UNSPSC	39122329
E-Number (Finland)	2712821
E-Number (Sweden)	4030178

Categories

Low Voltage Products and Systems → Control Products → Electronic Relays and Controls → Time Relays → CT-D

