PRODUCT-DETAILS

CT-AHC.22

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



General Information

Extended Product Type	CT-AHC.22
Product ID	1SVR508110R0100
EAN	4013614534287
Catalog Description	CT-AHC.22 Time relay, OFF-delay 2c/o, 24-48VDC/24-240VAC
Long Description	The CT-AHC.22 is a single-function electronic time relay from the CT-C 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 / 4 A. A control input works with voltage-related (non-floating) triggering.

Ordering

EAN	4013614534287
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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Data Sheet, Technical Information	2CDC110004C0210_01
Instructions and Manuals	1SVC500020M1001 1SVC500020M0001
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) 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 100 mA
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 mm² Flexible 2x 0.5 ... 1.5 mm² Rigid 1x 0.5 ... 4 mm² Rigid 2x 0.5 ... 1.5 mm²
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

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	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 61812-1 UL 508

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 20-16 AWG
Tightening Torque UL/CSA	4.43 ... 7.08 in·lb
Pilot Duty UL/CSA	B300
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	3cd52f8b-7d63-4595-adbc-50668e22b594 Germany (DE)
Simplified SCIP	0438e62b-2de5-4783-8bd8-aa5b4cac22b4 Germany (DE) 3d06e77b-4b1e-466d-996d-2553321b62c1 Italy (IT) a5b8c1ec-ded8-4134-b7c9-aa0cfe3ba888 Finland (FI) 6cd7b9a1-cf78-4684-8fe4-593c529f451c Belgium (BE) 62f624e9-ae08-49ea-9caa-a88cfc33c405 Poland (PL) 88884441-d9e7-4b0a-99c9-f8b6528d41ad Norway (NO) f384a83b-e3c5-4df3-b323-1d894e472cb7 Portugal (PT) 84888521-05e9-4506-a09f-74a6fc06f20c Hungary (HU) 3956dab8-09fc-4b29-adc1-2e47b3e674dd Estonia (EE) cdf8bbb2-c208-4df5-8077-3cde73d29d10 Greece (GR) 7b54a3a8-3778-42a8-a901-102c4c1eecb1 Poland (PL) 63d875e3-cbda-4a29-a4d7-cfacecb78821 France (FR) aae29023-c272-468c-a655-94bddd821fa2 Bulgaria (BG) dd08839c-6d3c-4799-8bf2-2af8f77369fe Sweden (SE) 706df984-6d5d-4503-88fe-961faf2af263 Denmark (DK) cc36a608-e66b-42f6-9b71-745a791c5fc7 Czech Republic (CZ) 83b69488-312b-4564-9917-4480cbf5e75b Germany (DE) a539966d-b6a6-403d-8e47-b4ddcf45b825 Croatia (HR) 36c8ef34-c5e4-4312-8977-526b9ea8e11e Netherlands (NL) db23ea3a-b5da-41a8-88f9-8cac728e95d8 Poland (PL) d8e7f219-3276-4331-9cb7-92c9c2753165 Germany (DE) 461da4b6-a827-4c4a-a96b-add817bc0550 Sweden (SE) 65e42c07-934d-481a-af10-c2413fe52029 Germany (DE) 40a0b1d1-9fa4-4ee7-b7ce-2db5cf29af4a Hungary (HU) 459a7e83-83dd-400f-bce2-8298c7ce4aad France (FR)

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	cf063d8a-a79b-4417-9e2c-91fcbb0b1b31 Spain (ES) f493fe06-12db-407e-a4fd-770ae8e6ddae Belgium (BE)
Toxic Substances Control Act - TSCA	2CMT2023-006536

Certificates and Declarations

CCC Certificate	CCC_2019010303150608
CQC Certificate	CQC2019010303150608
cULus Certificate	cULus_20031209-E140448
Declaration of Conformity - CCC	2020980303000209
Declaration of Conformity - CE	1SVD981068
Declaration of Conformity - UKCA	1SVD981068-10
DNV GL Certificate	DNV_GL_TAA00002TS

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	4013614534287

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)	2712830
E-Number (Norway)	4189321
E-Number (Sweden)	4030221

Categories

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



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