



PRODUCT-DETAILS

CT-AHC.12

CT-AHC.12 Time relay, OFF-delay 1c/o, 24-48VDC/24-240VAC



General Information	
Extended Product Type	CT-AHC.12
Product ID	1SVR508110R0000
EAN	4013614534294
Catalog Description	CT-AHC.12 Time relay, OFF-delay 1c/o, 24-48VDC/24-240VAC
Long Description	The CT-AHC.12 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 1 c/o (SPDT) output rated at 250 V / 4 A. A control input works with voltage-related (non-floating) triggering.

Ordering	
EAN	4013614534294
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

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	70 mm
Product Net Depth / Length	63 mm
Product Net Weight	0.053 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	1 c/o (SPDT) contact
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 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 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	f2e829ac-6d34-4539-962b-2e0bcefc8cf2 Germany (DE)
Simplified SCIP	0413cae5-7365-4304-9cb9-e48df83f41d3 Germany (DE) a61d3edb-2fa7-41ac-b2e3-eb7eb7eec0e1 Poland (PL) e0a00cee-f963-4f5e-9682-48af917025e3 Norway (NO) 0b33ad53-348d-4e07-b9b3-7cff41b7ede5 Finland (FI) 71a67ba9-474b-4714-93e3-973068daf3f8 Germany (DE) db2d61da-fbe9-4641-8bca-20b52469a905 Denmark (DK) ca8f45be-6c6d-4cc6-a86e-3ac80d845b9c Germany (DE) 8663a03e-da91-4713-987b-32e8e0b1c569 Croatia (HR) 2dec4e8b-5c0b-4fb4-a67f-622aca50c154 Czech Republic (CZ) f87de4aa-7473-4494-b0d9-58cfb7f5447f Poland (PL) 783477fc-e5fd-41ed-8779-868c4c68d254 Netherlands (NL) ea146688-35f8-415c-b59d-df8752803155 Hungary (HU) 968820da-3492-4028-9186-e4ec122396d7 Estonia (EE) 277794c2-d5a1-4630-bdb7-d55792b738d7 Greece (GR) 0fbcd20c-509f-4b9e-8e15-17098627ce5c Portugal (PT) ae21cc33-e3a6-4c8e-8c4d-b402a5a03fcd Bulgaria (BG) 770c4ef9-5fab-4d4c-822f-4a608a6c78ab Sweden (SE) 912167ab-65bb-4d08-b206-6bb68f60ba09 Poland (PL) 6e76992c-57d1-4b33-8b3d-fffe0005fdda France (FR) a3b4123e-1511-4df4-81a9-19476b0f54a0 Sweden (SE) 06f68c89-9c50-4367-8441-c2f699a2f663 Germany (DE) 74bb2bbf-e6fc-4730-a9b5-1fdbbd1ca603 France (FR) 809f3aae-70c7-4d30-913a-733c5c749af4 Hungary (HU) cbccb666-4cfd-434e-9e86-b13c1e59dc43 Spain (ES) fea4924e-3112-4c7c-a1b4-b113bdc1c74f Belgium (BE)

e5106ac5-3b14-4ba6-aa48-f234a04b40af Italy (IT)	
24219e9a-0590-4626-b4ae-3e742f257618 Belgium (BE)	
Toxic Substances Control Act - TSCA	2CMT2023-006536

Circular Value

End of Life Instructions	1SAC200318H0001
Environmental Information	1SAC200110H0001

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	0.065 kg
Package Level 1 EAN	4013614534294

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)	2712829
E-Number (Sweden)	4030220

Categories

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

