



PRODUCT-DETAILS

CT-MFC.12

CT-MFC.12 Time relay, Multifunctional 1c/o, 24-48VDC/24-240VAC



General Information

Extended Product Type	CT-MFC.12
Product ID	1SVR508020R0000
EAN	4013614534331
Catalog Description	CT-MFC.12 Time relay, Multifunctional 1c/o, 24-48VDC/24-240VAC
Long Description	The CT-MFC.12 is a multifunction electronic time relay from the CT-C timer range. It provides 7 timing functions 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	4013614534331
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Popular Downloads

Data Sheet, Technical Information	2CDC110004C0210_01
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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	ON-Delay OFF-Delay Impulse ON Impulse OFF Flasher Starting with ON Flasher Starting with OFF Pulse Former
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 _θ)	(230 V) 4 A
Rated Operational Current AC-15 (I _θ)	(230 V) 3 A
Rated Operational Current DC-12 (I _θ)	(24 V) 4 A
Rated Operational Current DC-13 (I _θ)	(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 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	e42bbef4-b647-439d-8fd1-bae49813326d Germany (DE)
Simplified SCIP	42746d12-2099-41f2-8101-71cf51bb12d7 Germany (DE) 5d3b2ac6-2d2f-42a6-a538-5af7831e558f Spain (ES) d91e4417-0b10-4a34-af02-c6573008f5d7 Belgium (BE) f45b1d3a-a499-4664-aa95-96131cf38276 Greece (GR) 286dfb7d-50d8-45ed-8053-0211aea05e48 Italy (IT) dd998848-0fcf-42c6-9e7f-4b88ab19117e Finland (FI) 4d1a6629-d1cb-438c-b923-8cef3eb1aca2 Belgium (BE) bfa24eb2-0d7f-441e-af25-e7d315bd1b57 Portugal (PT) ce8af8e9-179d-4194-ada5-c27a79d1b29b Poland (PL) 9770adb3-700e-475e-af33-6cf5ae658c36 Norway (NO) 0ed33991-100b-455e-8dbc-91f567fb8dbc Germany (DE) fe5de6a1-e13a-4b9b-a3b0-f62bf1b25c20 Denmark (DK) 28666d9d-dfaf-4388-b11f-7f824991dff6f Germany (DE) f194a23e-2eda-427f-a96f-50536347b0c2 Croatia (HR) 1da7da63-925c-4f8e-b4dc-ff5a8176daf2 Czech Republic (CZ) 23d352ee-ac30-44e5-be3f-aeb3d1e293f4 Bulgaria (BG) c2119905-137d-477d-bad6-c744bc26c3d4 Sweden (SE) bb540a30-8f0c-4eb4-84fa-9387ce8011fc Poland (PL) d2117fcb-de70-4532-9967-a07d8a64488e Poland (PL) 1ccd5246-b00d-4274-9d36-320e58feaca6 Netherlands (NL) 0774872e-1d0f-4b41-a37c-af394aa46539 Hungary (HU) a835e83a-f250-4cc0-a3f5-b377e61e0170 Estonia (EE) 4fd515d7-e866-44f2-b851-30e821e05703 France (FR) b44cc001-de38-469a-8b59-cd358d7d4b35 Sweden (SE) 77084aeb-69df-4bc9-994d-69adb2503616 Germany (DE) 60fa2df8-8401-4f67-85b1-49c76440a569 Hungary (HU) 92542e13-7816-4a88-b6ba-27a2be1cf0ff France (FR)
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	4013614534331

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)	2712825
E-Number (Sweden)	4030216

Categories

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

