

CT-MFD.21

ABB contact for Canada [Print to Pdf..](#)

General Information

Extended Product Type:	CT-MFD.21
Product ID:	1SVR500020R1100
EAN:	4016779657662
Catalog Description:	CT-MFD.21 Time relay, multifunction
Long Description:	The CT-MFD.21 is a multifunction electronic time relay from the CT-D 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 12 - 240 V AC / DC 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.



Categories

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

Ordering

EAN:	4016779657662
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	89.0 mm
Package Level 1 Length:	20.0 mm
Package Level 1 Height:	65.0 mm
Package Level 1 Gross Weight:	0.079 kg

Dimensions

Product Net Width:	17.5 mm
Product Net Height:	80.0 mm
Product Net Depth:	63.0 mm
Product Net Weight:	0.066 kg

Technical

Timer Relay Type:	Multifunction ON-delay OFF-delay Impulse-ON Impulse-OFF Flasher starting with ON Flasher starting with OFF Pulse Generator
Time Range:	0.05 s - 100 h

Rated Control Supply Voltage (U_s):	12 ... 240 V AC/DC
Output:	2 c/o (SPDT) contacts
Terminal Type:	Screw Terminals
Rated Operational Current AC-12 (I_e): (230V)	5.000 A
Rated Operational Current AC-15 (I_e): (230V)	3 A
Rated Operational Current DC-12 (I_e): (24V)	5.000 A
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 6 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
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:	IEC 61812-1 EN 61812-1 + A11 DIN VDE 0435 part 2021

Environmental

Ambient Air Temperature:	Operation -20 ... +60 °C Storage -40 ... +85 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Output Circuit 300 V AC
Contact Rating UL/CSA:	C300
Connecting Capacity UL/CSA:	Flexible 1x 20 ... 14 AWG Flexible 2x 20 ... 16 AWG Rigid 1x 20 ... 12 AWG Rigid 2x 20 ... 16 AWG
Tightening Torque UL/CSA:	4.43 ... 7.08 in·lb

Certificates and Declarations (Document Number)

CCC Certificate:	CCC_2005010303153177
cUL Certificate:	cUL508_E140448
Declaration of Conformity - CE:	1SAD938501-0114
GOST Certificate:	GOST_8572616
RMRS Certificate:	RMRS_12.04010.250
RoHS Information:	1SAA981026-4401
UL Certificate:	UL508_E140448

Classifications

Object Classification Code:	K
ETIM 4.0:	EC001439 - Timer relay
ETIM 5.0:	EC001439 - Timer relay
