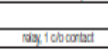
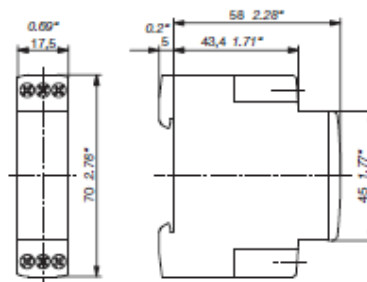


FDV dokumentasjon

E 234 Elektroniske timere	Typebetegnelse	Varenummer	EAN	El.nummer
	CT-MFD.21, MULTI-F, 2C/O	1SVR500020R1100	4016779657662	4187691
	CT-MFD.12, MULTI-F.1C/O	1SVR500020R0000	4013614350634	4364060
	CT-ERD.22, FORS.INN 2C/O	1SVR500100R0100	4016779657679	4187692
	CT-ERD.12 FORS.INN, 1C/O	1SVR500100R0000	4013614350658	4364061
	CT-AHD.22, FORS.UT, 2C/O	1SVR500110R0100	4016779657686	4187693
	CT-AHD.12, FORS.UT, 1C/O	1SVR500110R0000	4013614350665	4364062
	CT-VWD.12, IMP.INN, 1C/O	1SVR500130R0000	4013614350672	4364064
	CT-EBD.12, BLINK, 1C/O	1SVR500150R0000	4013614350689	4364063
	CT-TGD.22, PULS, 2C/O	1SVR500160R0100	4016779657693	4187694
	CT-TGD-12, PULS, 1C/O	1SVR500160R0000	4013614350696	4187690
	CT-SDD.22, "YD", 2N/O	1SVR500211R0100	4016779657709	4187695
	CT-SAD.22, "YD"JUST, 2N/O	1SVR500210R0100	4016779657716	4187696
FDV		Ingen krav til periodisk vedlikehold.		

Tekniske Data

Type	CT-D with 1 c/o contact			CT-D with 2 c/o contacts			Type	CT-D with 1 c/o contact			CT-D with 2 c/o contacts		
Input circuit - Supply circuit							General data						
Rated control supply voltage U _i	A1-A2			24-240 V AC / 24-48 V DC			Duty time	100%					
	A1-A2			12-240 V AC/DC (CT-MFD.2n)			Dimensions (W x H x D)	17.5 mm x 70 mm x 56 mm (0.69 x 2.76 x 2.26 inches)			17.5 mm x 80 mm x 56 mm (0.69 x 3.15 x 2.26 inches)		
Rated control supply voltage U _i tolerance				-15...+10 %			Weight	see ordering details					
Rated frequency	AC/DC versions			DC or 50/60 Hz			Mounting	DIN rail (EN 60715), snap-mounting without any tool					
	AC versions			50/60 Hz									
Frequency range	AC/DC versions			DC or 47/63 Hz			Mounting position	any					
	AC versions			47/63 Hz									
Typical power consumption	24 V DC			0.6 W			Degree of protection enclosure / terminals	IP30 / IP20					
	230 V AC			1.3 VA									
	115 V AC			1.3 VA									
Power failure buffering time				min. 20 ms			Wire size	fine-strand			with wire and female		
				min. 30 ms				without wire and female			2 x 0.5-1.5 mm ² (Ø x 20-16 AWG) 1 x 0.5-2.5 mm ² (Ø x 20-14 AWG)		
Input circuit - Control circuit							right	2 x 0.5-1.5 mm ² (Ø x 20-16 AWG) 1 x 0.5-2.5 mm ² (Ø x 20-14 AWG)					
Voltage-related tripping								2 x 0.5-1.5 mm ² (Ø x 20-16 AWG) 1 x 0.5-4 mm ² (Ø x 20-12 AWG)					
Control input - Control function	A1-Y16H			start timing external			Stripping length	7 mm (0.28 inches)					
Maximum cable length to the control input				50 m - 100 pF/m				Terminating torque	0.5-0.6 Nm				
Minimum control pulse length				30 ms			Environmental data						
Control voltage potential				see rated control supply voltage									
Current consumption of the control input				max. 4 mA			Resistant temperature range	operation storage					
Parallel load / polarized				yes / yes				20 ... +60 °C -40 ... +85 °C					
Timing circuit							Dump heat (cycles) (IECEN 60068-2-30)						
Time ranges	7 time ranges 0.05 s - 100 h			1) 0.05-1 s 4) 0.5-10 min			2) 0.5-10 s 5) 5-100 min 7) 5-100 h			3) 5-100 s 6) 0.5-10 h			
	4 time ranges 0.05 s - 10 min (CT-SD0, CT-SAD)			1) 0.05-1 s			2) 0.5-10 s 4) 0.5-10 min			3) 5-100 s			
Recovery time				< 50 ms			Vibration (sinusoidal) (IECEN 60068-2-6)						
Repeat accuracy (constant parameters)				Δt < ±0.5 %			Shock (half sine) (IECEN 60068-2-27)						
Accuracy within the rated control supply voltage tolerance				Δt < 0.005 % / V			Isolation data						
Accuracy within the temperature range				Δt < 0.06 % / °C			Rated impulse withstand voltage U _i between all isolated circuits (VDE 0110, IECEN 60064-1)						
Star-delta transition time	CT-SD0			fixed 50 ms			Pollution category (IECEN 60664-1, VDE 0110, UL 508)						
	CT-SAD			adjustable 20-100 ms in steps of 10 ms			Overvoltage category (IECEN 60664-1, VDE 0110, UL 508)						
Star-delta transition time tolerance	CT-SD0, CT-SAD			±3 ms			Rated insulation voltage U _i						
							input circuit / output circuit						
Indication of operational status							output circuit 1 / output circuit 2						
Control supply voltage / timing	Li-green LED			 1: control supply voltage applied -: timing			Basic insulation (IECEN 61140) input circuit / output circuit						
	Ri-yellow LED			 1: output relay 1 or 2 energized			Protective supervision input circuit / output circuit (VDE 0110 part 101 and part 10V41; IECEN 61140)						
Relay status							Test voltage between all isolated circuits (type test)						
Output circuit							Standards						
Kind of output	15-16/18			relay, 1 c/o contact			Product standard						
	15-16/18, 25-26/28			-			IEC 61812-1, EN 61812-1 + A11, DIN VDE 0436 part 2021						
	17-18, 17-28			relay, 2 c/o contacts (CT-SD0, CT-SAD)			Low Voltage Directive						
Contact material							2006/95/EC						
Rated operational voltage U _e				Co-free, see data sheet			EMC Directive						
				250 V			2004/104/EC						
Minimum switching voltage / minimum switching current				12 V / 100 mA			RoHS Directive						
Maximum switching voltage / maximum switching current				see load limit curves			2002/95/EC						
Rated operational current I _e (IEC 60947-5-1)	AC12 (inductive) at 230 V			6 A			Electromagnetic compatibility						
	AC15 (inductive) at 230 V			3 A (A)			Interference immunity						
IEC category	DC12 (inductive) at 24 V			6 A			electrostatic discharge (ESD)						
	DC13 (inductive) at 24 V			2 A			ECEN 61000-4-2						
Mechanical lifetime				30 x 10 ⁶ switching cycles			electromagnetic field (RF radiation resistance)						
				0.1 x 10 ⁶ switching cycles			ECEN 61000-4-3						
Electrical lifetime	at AC12, 230 V, 4 A						test transients (Surge)						
Short-circuit proof / maximum base rating (IECEN 60947-5-1)	n/o contact			6 A test-acting			ECEN 61000-4-4						
	n/o contact			10 A test-acting			powerful impulses (Surge)						
							ECEN 61000-4-5						
							HF test emission						
							ECEN 61000-4-6						
							Interference emission						
							ECEN 61000-6-1, IECEN 61000-6-2						
							electromagnetic field (RF radiation resistance)						
							ECOSPR 22, EN 56022						
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							ECOSPR 22, EN 56022						
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**Produsent**

Navn

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