

Electronic Timer - Series Micon™ 225

- World-Class design
- Compact 22.5mm
- Single and Multi-function (Non-Signal and Signal based) timers
- Multi-voltage: Single model suitable for both AC and DC applications
- Flush knobs for better security
- LED indications for runtime and relay status
- Finger protection on terminals (IP20)
- Excellent Noise Immunity to the latest IEC standards



Cat. No.	2A5DT5	2AJDT0	2ASDT0
Parameters			
Mode	Multi-function Multi range	Asymmetrical ON-OFF / OFF-ON	Star-Delta
Functional Diagram	<p style="text-align: center;">Ts = Set Time T x t = Total Time</p>	<p style="text-align: center;">T1 x t1 = ON TIME T1 x t1 = OFF TIME</p>	<p style="text-align: center;">Ts = T x t P = Pause Time</p>
Supply Voltage	24 - 240 VAC/DC		
Supply Variation	- 20% to +10%		
Frequency	50/60 Hz		
Power Consumption (Max.)	4 VA		7 VA
Timing Ranges	0.1s to 10h		0.3s to 120s
Pause Time (P)	Not Applicable		60ms, 90ms, 120ms, 150ms
Reset Time	Max. 200 ms		
Accuracy			
Setting Accuracy	± 5% of Full scale		
Repeat Accuracy	± 1%		
Relay Output	2 C/O (DPDT)	1 C/O (SPDT)	Star - 1 'NO', Delta - 1 'NO'
Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)		
Contact Material	Ag Alloy		
Electrical Life	1x10 ⁵		
Mechanical Life	1x10 ⁵		
Switching Frequency @ rated max load	Electrical : 1800 Operations / h		
Operating Temperature	-15° C to +60° C		
Storage Temperature	-20° C to +80° C		
Humidity	95% (Rh)		
LED Indication	Green LED → Power ON, Red LED → Relay ON		Red 1- λ ON, Red 2- Δ ON
Housing	Flame Retardant UL94-V0		
Dimension (W x H x D)	22.5 X 75 X 100.5 (in mm)		
Weight (unpacked)	130 g		
Mounting	Base / DIN rail		
Certification	CE		
Degree of Protection	IP 20 for Terminal, IP 40 for Housing		
EMI/ EMC			
Radio Interference Suppression	CISPR 14-1 Ed. 5.0 (2005-11) Class A		
ESD	IEC 61000-4-2 Ed. 1.2 (2001-04) Level III		
Electrical Fast Transients	IEC 61000-4-4 Ed. 2.0 (2004-07) Level IV		
Surges	IEC 61000-4-5 Ed. 2.0 (2005-11) Level IV		
Voltage Dips & Interruptions	IEC 61000-4-11 (AC) Ed. 2.0 (2004-03), IEC 61000-4-29 (DC) Ed. 1.0 (2000-08)		

ORDERING INFORMATION

Cat. No.	Description
2A5DT5	24-240 VAC/DC, Multi-function, 2 C/O
2B5DT5	240-415 VAC, Multi-function, 2 C/O
273DT5	240 VAC, Multi-function (On Delay, Interval, Cyclic), 2 C/O
2AODT5	24-240 VAC/DC, On Delay, 2 C/O
29ODT5	9-32 VDC, On Delay, 2 C/O
2ASDT0*	24-240 VAC/DC, Star-Delta, 1 NO (Star) + 1 NO (Delta)
2ASDT1	24-240 VAC/DC, Star-Delta, 1 NO (Star) + 1 NO (Delta)
2BSDT0*	240-415 VAC, Star-Delta, 1 NO (Star) + 1 NO (Delta)
2BSDT1	240-415 VAC, Star-Delta, 1 NO (Star) + 1 NO (Delta)
2AJDT0*	24-240 VAC/DC, Asymmetric ON/OFF, OFF/ON, 1 C/O
2AJDT1	24-240 VAC/DC, Asymmetric ON/OFF, OFF/ON, 1 C/O
2AADT5	24-240 VAC/DC, Asymmetric ON/OFF, 2 C/O
25ADT5	12 VDC, Asymmetric ON/OFF, 2 C/O

*Note: Product with test voltage between input and output at 1.5 KV

Electronic Timer - Series Micon™ 225

• Solid state signal based Multi-function



Cat. No.	20NDTT
Parameters	
Mode	Signal ON Delay, Accumulative ON Delay, Signal OFF Delay, Signal OFF/ON Delay, Leading Edge Impulse 1, ON Delay, Interval
Functional Diagram	
Supply Voltage	110 - 240 VAC
Supply Variation	- 20% to +10%
Frequency	50/60 Hz
Power Consumption (Max.)	3 VA
Timing Ranges	0.06s to 10h
Reset Time	Max. 100 ms
Accuracy	
Setting Accuracy	± 5% of Full scale
Repeat Accuracy	± 1%
Solid State Output:	
Type	Optical Isolation
Form	SPST
Rated Current	1 A AC
Max. Admissible Current	20 A (10ms)
Leakage Current	<5 mA
Voltage Breaking Capacity	110 - 240 VAC
Max. Voltage Drop at Terminals	<= 8 V
Minimum Load Current	10 mA
Electrical Life	1 x 10 ⁶
Operating Temperature	-15° C to +60° C
Storage Temperature	-20° C to +80° C
Humidity	95% (Rh)
LED Indication	Green LED → Power ON Red LED → Output ON
Housing	Flame Retardant UL94-V0
Dimension (W x H x D)	22.5 X 75 X 100.5 (in mm)
Weight (unpacked)	107 g
Mounting	Base / DIN rail
Certification	CE
Degree of Protection	IP 20 for Terminal, IP 40 for Housing
EMI/ EMC	
Radio Interference Suppression	CISPR 14-1 Ed. 5.0 (2005-11) Class B
ESD	IEC 61000-4-2 Ed. 1.2 (2001-04) Level III
Electrical Fast Transients	IEC 61000-4-4 Ed. 2.0 (2004-07) Level IV
Surges	IEC 61000-4-5 Ed. 2.0 (2005-11) Level IV
Voltage Dips & Interruptions	IEC 61000-4-11 (AC) Ed. 2.0 (2004-03), IEC 61000-4-29 (DC) Ed. 1.0 (2000-08)

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Cat. No.	Description
20NDTT	110-240 VAC, Solid State Signal Based Multi-function
20JDTT	110-240 VAC, Solid State Asymmetrical ON-OFF / OFF-ON

Electronic Timer - Series Micon™ 225

• Signal based Multi-function



Cat. No.	2ANDT0
Parameters	
Mode	Signal ON Delay, Accumulative ON Delay, Signal OFF Delay, Signal OFF/ON Delay, Leading Edge Impulse 1, ON Delay, Interval
Functional Diagram	
Supply Voltage	24 - 240 VAC/DC
Supply Variation	- 20% to +10%
Frequency	50/60 Hz
Power Consumption (Max.)	4 VA
Timing Ranges	0.1s to 10h
Reset Time	Max. 200 ms
Accuracy	
Setting Accuracy	± 5% of Full scale
Repeat Accuracy	± 1%
Relay Output	1 C/O (SPDT)
Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)
Contact Material	Ag Alloy
Electrical Life	1×10^5
Mechanical Life	1×10^6
Switching Frequency	
@ rated max load	Electrical : 1800 Operations / h
Operating Temperature	-15° C to +60° C
Storage Temperature	-20° C to +80° C
Humidity	95% (Rh)
LED Indication	Green LED → Power ON Red LED → Relay ON
Housing	Flame Retardant UL94-V0
Dimension (W x H x D)	22.5 X 75 X 100.5 (in mm)
Weight (unpacked)	130 g
Mounting	Base / DIN rail
Certification	CE
Degree of Protection	IP 20 for Terminal, IP 40 for Housing
EMI/ EMC	
Radio Interference Suppression	CISPR 14-1 Ed. 5.0 (2005-11) Class B
ESD	IEC 61000-4-2 Ed. 1.2 (2001-04) Level III
Electrical Fast Transients	IEC 61000-4-4 Ed. 2.0 (2004-07) Level IV
Surges	IEC 61000-4-5 Ed. 2.0 (2005-11) Level IV
Voltage Dips & Interruptions	IEC 61000-4-11 (AC) Ed. 2.0 (2004-03), IEC 61000-4-29 (DC) Ed. 1.0 (2000-08)

ORDERING INFORMATION

Cat. No.	Description
2ANDT0	24-240 VAC/DC, Signal Based Multi-function