SPECIFICATIONS

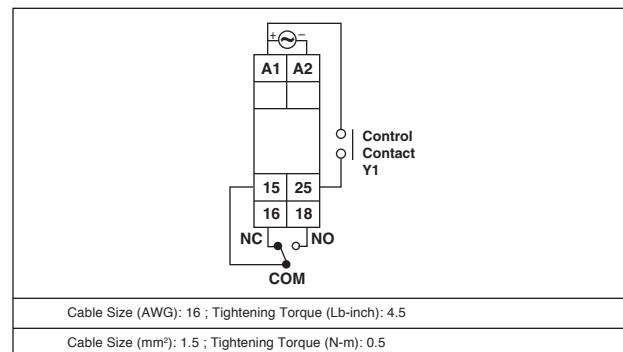|	
ACCURACY	Setting: ±0.1% of set time of ±50mSec
	Repeat: ±0.1%
RESET	Reset time < 100 msec, Front Key, Interruption of Power
OUTPUT CONTACT	SPDT (1 C/O)
CONTACT RATING	8A @ 250V AC
MODES	On delay (A)
	Interval (B)
	Asymmetrical cyclic OFF first (C)
	Asymmetrical cyclic ON first (D)
	Cyclic equal OFF first (E)
	Cyclic equal ON first (F)
	Pulse output (H)
	Delay on break (J)
	Delay on make/break (K)
	Interval after break (L)
	Single shot (P)
	Retriggerable Single shot (Q)
	Latching relay (R)
	Delay with Totalise (t)
	Interval with Totalise (U)
TIME RANGES	0 - 99.9 sec/min/hr
	0 - 999 sec/min/hr
	0 - 9:59 min:sec
	0 - 9:59 hr:min
SUPPLY VOLTAGE	20-240V AC/DC
	AC : (50 / 60 Hz)
POWER CONSUMPTION	4 VA max
TEMPERATURE	Operating: 0 to 50°C (32 to 122°F)
	Storage: -20 to 75°C (-4 to 167°F)
HUMIDITY (NON-CONDENSING)	95% RH
WEIGHT	0.163 lbs.
PROTECTION LEVEL	IP40 for Casing
	IP20 for Terminals

Multi-Function Timer "With Display"

- **15 Functions**
- **8 Time Ranges**
- **Front Key Pad Setting**
- **Universal supply voltage**
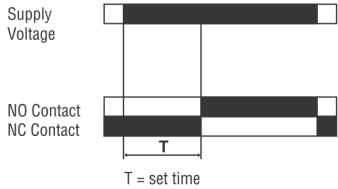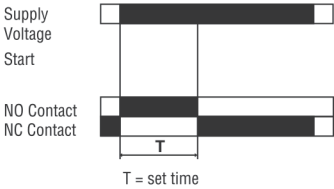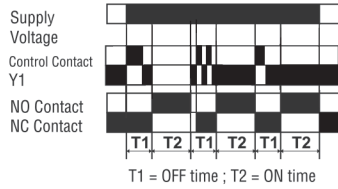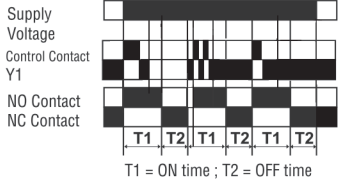- **Slim, Space Saving Design**
- **DIN Rail Mount**

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496Y

ORDERING INFORMATION

PART NO.	SUPPLY VOLTAGE
175MD	20-240V AC/DC
	AC: 50/60Hz
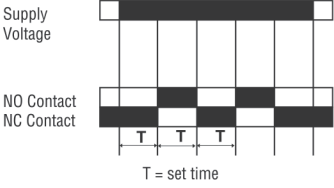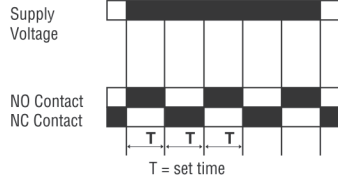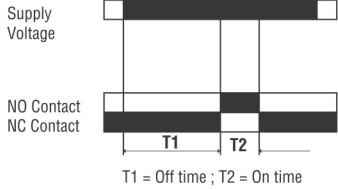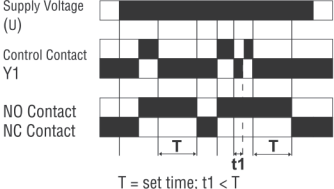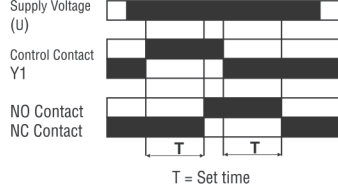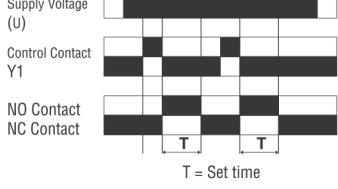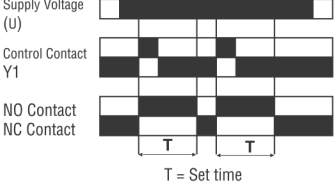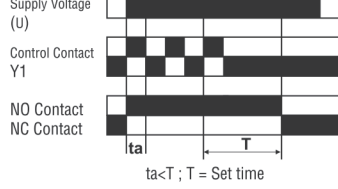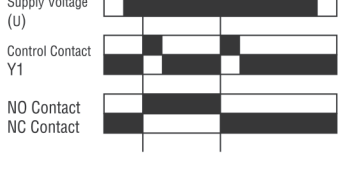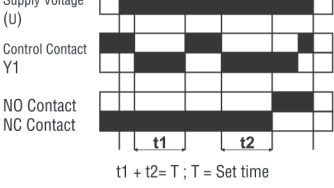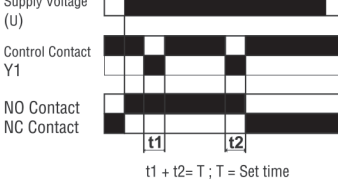
DIMENSIONS (MILLIMETERS)

Symmetrical 35mm Din Rail (EN50022) Mounting

TERMINAL CONNECTIONS

Cable Size (AWG): 16 ; Tightening Torque (Lb-inch): 4.5
Cable Size (mm²): 1.5 ; Tightening Torque (N-m): 0.5

▶ TIMING DIAGRAMS

Function: ON Delay (A)

Supply Voltage

NO Contact
NC Contact

T

T = set time

Function: Interval (B)

Supply Voltage
Start

NO Contact
NC Contact

T

T = set time

Function: Asymmetrical Cyclic OFF First (C)   ＊

Supply Voltage

Control Contact Y1

NO Contact
NC Contact

T1 T2 T1 T2 T1 T2

T1 = OFF time ; T2 = ON time

Function: Asymmetrical Cyclic ON First (D)   ＊

Supply Voltage

Control Contact Y1

NO Contact
NC Contact

T1 T2 T1 T2 T1 T2

T1 = ON time ; T2 = OFF time

Function: Cyclic Equal OFF First (E)

Supply Voltage

NO Contact
NC Contact

T   T   T

T = set time

Function: Cyclic Equal ON First (F)

Supply Voltage

NO Contact
NC Contact

T   T   T

T = set time

Function: Pulse Output (H)

Supply Voltage

NO Contact
NC Contact

T1   T2

T1 = Off time ; T2 = On time

Function: Delay On Break (J)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

T   t1   T

T = set time; t1 < T

Function: Delay On Make / Break (K)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

T   T

T = Set time

Function: Interval After Break (L)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

T   T

T = Set time

Function: Single Shot (P)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

T   T

T = Set time

Function: Retriggable Single Shot (Q)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

ta   T

ta<T ; T = Set time

Function: Latching Relay (R)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

Function: Delay With Totalise (T)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

t1   t2

t1 + t2= T ; T = Set time

Function: Interval With Totalise (U)

Supply Voltage (U)

Control Contact Y1

NO Contact
NC Contact

t1   t2

t1 + t2= T ; T = Set time

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