17.5mm DIN Rail Timer

600XU-A-1-CU

Features :

- 13 Functions
- 10 Time ranges
- LED indications : Relay ON, Power ON
- Front knobs for time range, Time scale & Mode setting
- Slim, Space saving design

Certifications : CE cULus LISTED

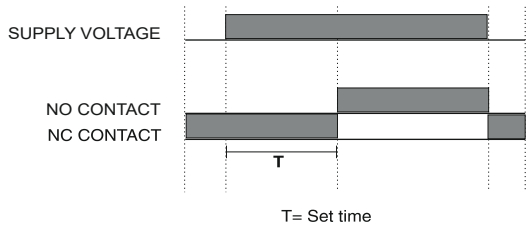
Technical specifications

Display specifications	
Display	Power ON, Relay ON
Input specifications	
Accuracy setting	±5% of F.S.
Repeat	±0.5% or 50msec (F.S. = full scale)
Output specifications	
Relay contact	1 C/O (SPDT)
Relay rating	5A @250V AC or 24V DC
Functional specifications	
Modes	On delay (A)
	Interval (B)
	Cyclic equal OFF first (C)
	Cyclic equal ON first (Ci)
	Pulse output, 500ms fixed (D)
	Delay on break (E)
	Delay on make / Delay on break (F)
	Interval after break (H)
	Single shot (I)
	Retriggerable single shot (J)
	Latching relay (K)
	Delay on make with totalise (Ai)
	Interval with totalise (Bi)
Time Ranges	0.1 - 1 sec, 0.3 - 3 sec, 1 - 10 sec, 3 - 30 sec 0.1 - 1 min, 0.3 - 3 min, 1 - 10 min, 3 - 30 min 0.1 - 1 hr, 0.3 - 3 hr
Reset time	Less than 100 msec.
Resolution	0.1 Sec
Auxiliary supply specifications	
Supply voltage	20 to 240V AC (50/60 Hz), 12 to 240V DC
Power consumption	3.2VA max
Environmental specification	
Temperature operating	0 ºC to 55 ºC (32 ºF to 131 ºF)
Storage	-20 ºC to 75 ºC (-4 ºF to 167 ºF)
Humidity (non - condensing)	95% RH

Mechanical specifications	
Size	17.5mm width
Mounting	Din Rail
Wire size (max)	1.5 sq.mm
Screw tightening torque	0.6 to 0.8 Nm
Weight	64 gm

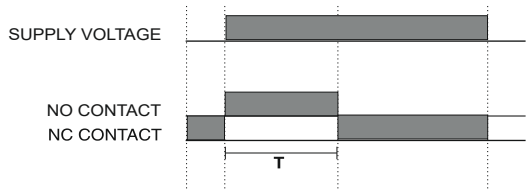
Timing digrams

A ON Delay



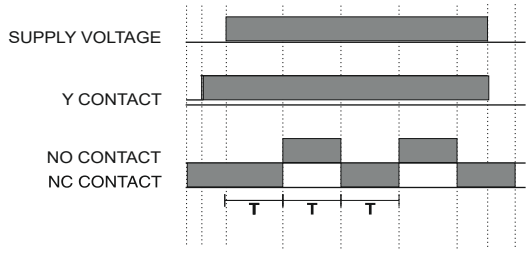
T= Set time

B Interval



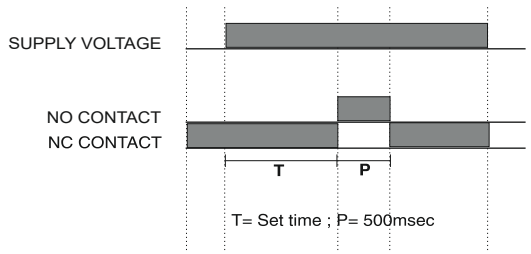
T= Set time

C Cyclic Equal OFF First



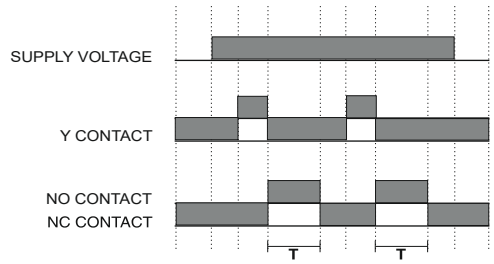
T= Set time

D Pulse Output



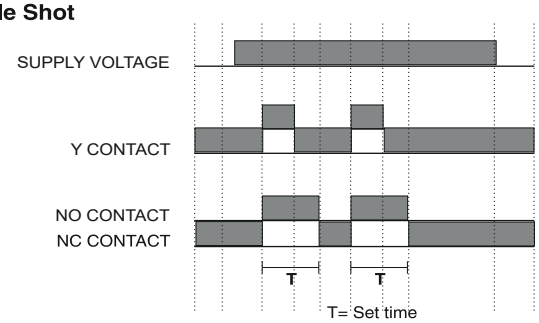
T= Set time ; P= 500msec

H Interval After Break



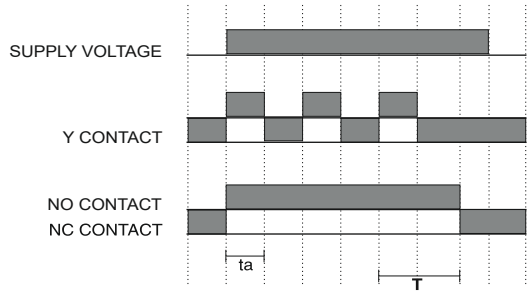
T = set time

I Single Shot



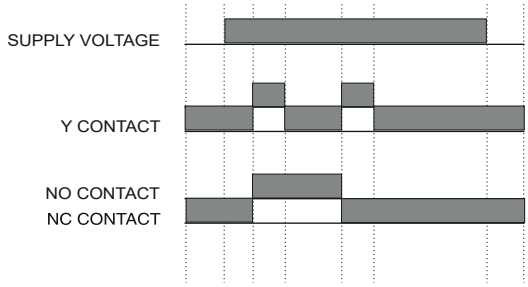
T= Set time

J Retriggable Single Shot

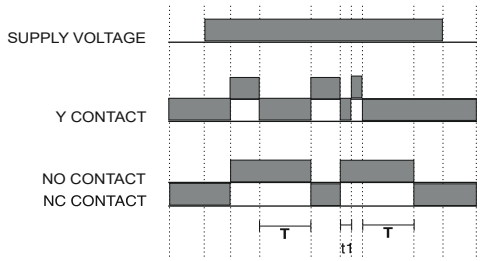


Ta<1 ; T = set time

K Latching Relay

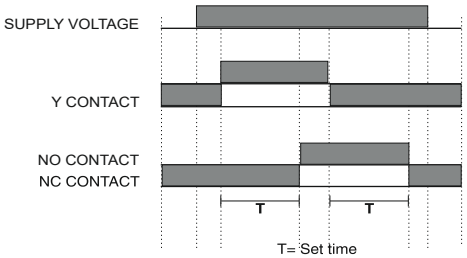


E Delay On Break



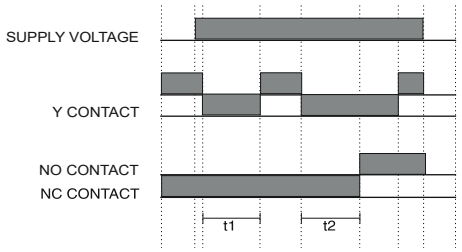
T= Set time ; t1 < T

F Delay On Make/Break



T= Set time

Ai Delay on Break With Totalise

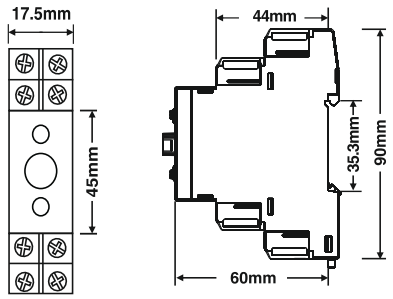


t1+ t2 = T ; T = Set time

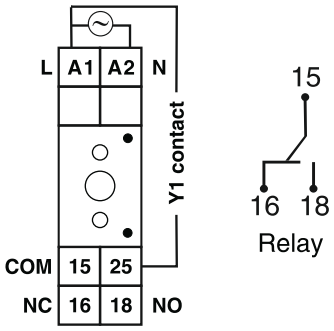
Compliance

Applicable EMI / EMC standards		
Product standard - IEC60255-1/IEC60947-5-1		
Category	**Reference standards**	**Testing level**
Electrostatic discharge	IEC 61000-4-2	Level-3
Electrical fast transient / Burst	IEC 61000-4-4	Level-4
Electromagnetic field	IEC 61000-4-3	Level-3
Surge	IEC 61000-4-5	Level-4
Conducted RF	IEC 61000-4-6	Level-2
Rated power frequency	IEC 61000-4-8	Level-4
Voltage dip / Short interruptions	IEC 61000-4-11	Level-3
Conducted emissions	CISPR-22	Class-A
Radiated emissions	CISPR-11	Class-B
Emission & Immunity	IEC 60255-26	
Safety	IEC 60255-27	

Dimensions (All are in mm)



Terminal connections



Ordering information

Product code	Supply voltage	Certification
600XU-A-1-CU	20 to 240V AC, 12 to 240V DC	CE cULus E253771