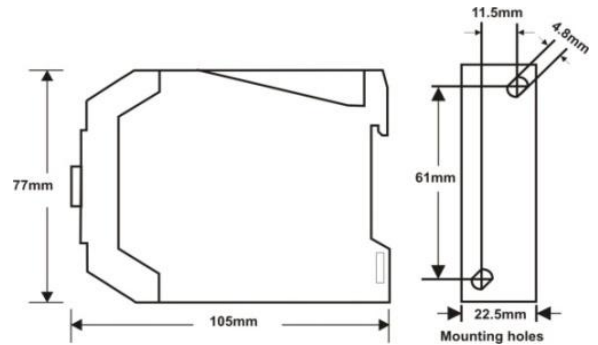


ANALOG TIMER : TASD-60S



Star - Delta

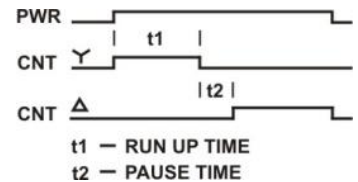


Dimensions

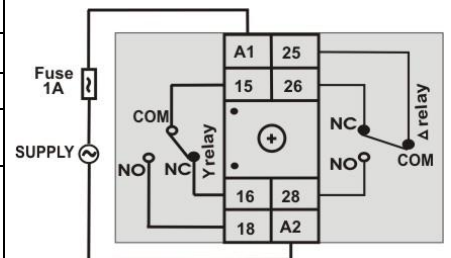
All Dimensions in mm

FEATURES	<ul style="list-style-type: none"> Star Delta Low Cost High Reliability Compact DIN Rail / Base Mounting 		TIME RANGES	<p>RUN UP TIME</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> 30 Sec </div> <div style="text-align: center;"> 50 mSec </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> 60 Sec </div> <div style="text-align: center;"> 100 mSec </div> </div> <p>↓ON</p>
			Star Run up time range : 0 - 30 Sec 0 - 60 Sec Pause time: 50 ms or 100 ms (switch selectable) (Refer NOTE below)	
OPERATING MODES	Star Delta			
INDICATIONS	LED Status Indicator : Star Relay ON, Delta Relay ON			
SUPPLY VOLTAGE	SUPPLY VOLTAGE	110V / 230V / 415V AC ±15% , 47 – 63Hz (Refer ordering information below)		
	POWER CONSUMPTION	10VA Max		
	INRUSH CURRENT	Maximum 3.2A , 20ms		
ISOLATION	Supply Terminals – Contacts : 1.5KV, 1min. Contact Set1 – Contact Set2 : 1.5KV, 1min.			
OUTPUT SPECIFICATION	OUTPUT CONTACT	SPDT (1 C/O each for Star and Delta)		
	CONTACT RATING	5A@230V AC		
ACCURACY	Setting : ±5% of Full Scale, Repeat : ±0.5% or 50msec of Full Scale.			
RESET	On interruption of power, Reset time < 100msec			
ENDURANCE	POTENTIOMETER	MECHANICAL : 1000 Cycles		
	RELAY	MECHANICAL : 10,000,000 ops. Minimum (1800 ops./hr.) ELECTRICAL : 100,000 ops. Minimum (1200 ops./hr.)		
AMBIENT CONDITIONS	OPERATING AMBIENT	0-55°C, 85% RH		
	STORAGE AMBIENT	-20°C to 85°C		
	HUMIDITY	95% RH non condensing		
GENERAL SPECIFICATIONS	TERMINATIONS	Screw type, for 2.5mm sq. wire		
	MOUNTING	DIN rail / Base Mount		
	WEIGHT	110 gms		
	PROTECTION LEVEL	IP40 for housing, IP20 for terminals, Finger Safe Terminals		
ORDERING INFORMATION	TASD – 60S – 230AC			
	DESIGN NO.	SUPPLY VOLTAGE		
	TASD-60S	110AC : 110V AC 230AC : 230V AC 415AC : 415V AC		

Switch Settings



Timing Diagram



Terminal Connections

NOTE : If the time setting is altered , it will be effective from next cycle.