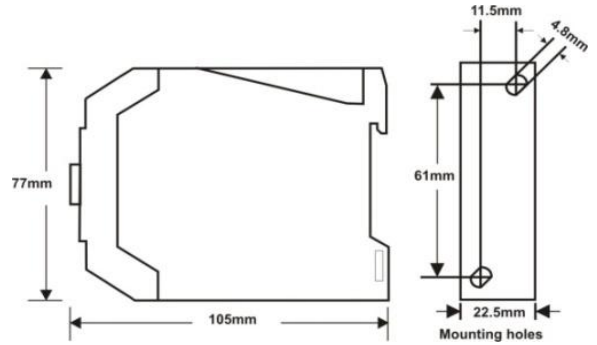


ANALOG TIMER : TASD-60S



Star - Delta

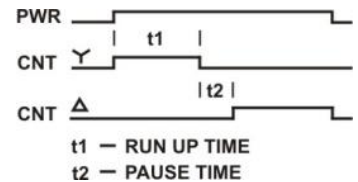


Dimensions

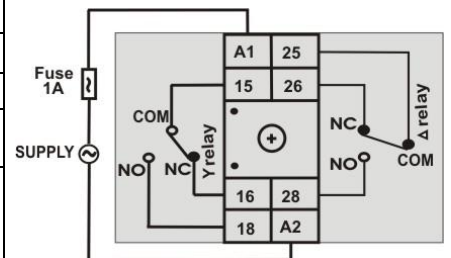
All Dimensions in mm

FEATURES		TIME RANGES	
	<ul style="list-style-type: none"> Star Delta Low Cost High Reliability Compact DIN Rail / Base Mounting 	<p style="text-align: center;">Star Run up time range :</p> <p style="text-align: center;">0 - 30 Sec</p> <p style="text-align: center;">0 - 60 Sec</p> <p style="text-align: center;">Pause time:</p> <p style="text-align: center;">50 ms or 100 ms</p> <p style="text-align: center;">(switch selectable)</p> <p style="text-align: center;">(Refer NOTE below)</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>RUN UP TIME</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">1</div> <p>30 Sec</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">1</div> <p>60 Sec</p> </div> <div style="text-align: center;"> <p>PAUSE TIME</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">2</div> <p>50 mSec</p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">2</div> <p>100 mSec</p> </div> </div> <p>↓ON</p>
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.