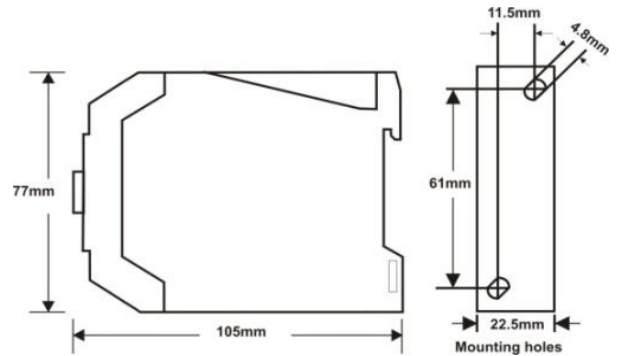


# ANALOG TIMER : TACY-10H-U



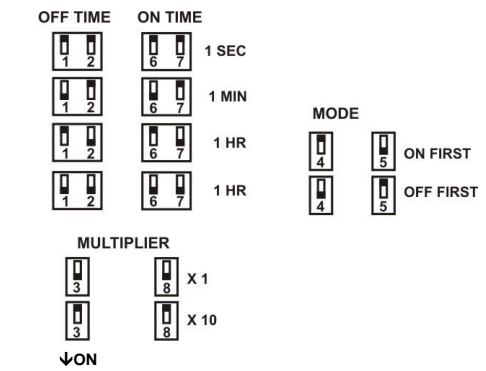
**Cyclic, Universal Supply**



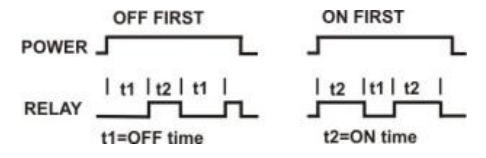
**Dimensions**

All dimensions in mm

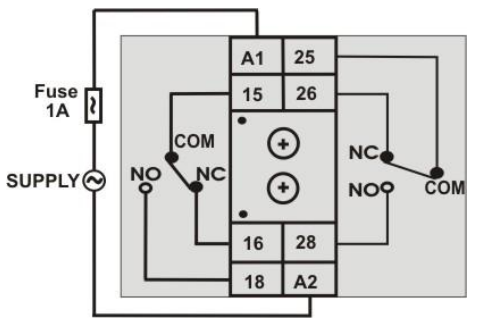
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Cyclic with unequal ON &amp; OFF Time</li> <li>6 time ranges</li> <li>Universal Supply Voltage</li> <li>Low Cost</li> <li>High Reliability</li> <li>Compact</li> <li>DIN Rail / Base Mounting</li> </ul>	<b>TIME RANGES</b>																												
		0 – 1 Sec / Min / Hr (ON Time) 0 – 10 Sec / Min / Hr (ON Time) 0 – 1 Sec / Min / Hr (OFF Time) 0 – 10 Sec / Min / Hr (OFF Time) (switch selectable) (Refer NOTE below)	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"><b>OFF TIME</b></td> <td style="width: 50%;"><b>ON TIME</b></td> <td></td> </tr> <tr> <td></td> <td></td> <td>1 SEC</td> </tr> <tr> <td></td> <td></td> <td>1 MIN</td> </tr> <tr> <td></td> <td></td> <td>1 HR</td> </tr> <tr> <td></td> <td></td> <td>1 HR</td> </tr> </table> <table style="width: 100%; border: none;"> <tr> <td colspan="2" style="text-align: center;"><b>MODE</b></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">ON FIRST</td> <td style="text-align: center;">OFF FIRST</td> </tr> </table> <table style="width: 100%; border: none;"> <tr> <td colspan="2" style="text-align: center;"><b>MULTIPLIER</b></td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">X 1</td> <td style="text-align: center;">X 10</td> </tr> </table> <p style="text-align: center;">↓ ON</p>	<b>OFF TIME</b>	<b>ON TIME</b>				1 SEC			1 MIN			1 HR			1 HR	<b>MODE</b>				ON FIRST	OFF FIRST	<b>MULTIPLIER</b>				X 1	X 10
<b>OFF TIME</b>	<b>ON TIME</b>																													
		1 SEC																												
		1 MIN																												
		1 HR																												
		1 HR																												
<b>MODE</b>																														
ON FIRST	OFF FIRST																													
<b>MULTIPLIER</b>																														
X 1	X 10																													
<b>OPERATING MODES</b>	Cyclic ON first or OFF first (switch selectable)																													
<b>INDICATIONS</b>	LED Status Indicator : Power ON , Relay ON																													
<b>SUPPLY VOLTAGE</b>	<b>SUPPLY VOLTAGE</b>	20 to 240V AC , 47 – 63Hz or 12 to 240V DC (Refer ordering information below)																												
	<b>POWER CONSUMPTION</b>	2VA Max																												
	<b>INRUSH CURRENT</b>	Max. 5A@240V AC for 20ms, 500mA@12VDC																												
<b>ISOLATION</b>	Supply Terminals – Contacts : 1.5KV, 1min Contact Set1 – Contact Set2 : 1.5KV, 1min																													
<b>OUTPUT SPECIFICATION</b>	<b>OUTPUT CONTACT</b>	DPDT (2 C/O)																												
	<b>CONTACT RATING</b>	5A@230V AC / 24V DC, Resistive																												
<b>ACCURACY</b>	Setting : ±5% of Full Scale, Repeat : ±0.5% or 50msec of Full Scale.																													
<b>RESET</b>	On interruption of power, Reset time < 100msec																													
<b>ENDURANCE</b>	<b>POTENTIOMETER</b>	MECHANICAL : 1000 Cycles																												
	<b>RELAY</b>	MECHANICAL : 10,000,000 ops. Minimum (1800 ops./hr.) ELECTRICAL : 100,000 ops. Minimum (1200 ops./hr.)																												
<b>AMBIENT CONDITIONS</b>	<b>OPERATING AMBIENT</b>	0-55°C, 85% RH																												
	<b>STORAGE AMBIENT</b>	-20°C to 85°C																												
	<b>HUMIDITY</b>	95% RH non condensing																												
<b>GENERAL SPECIFICATIONS</b>	<b>TERMINATIONS</b>	Screw type, for 2.5mm sq. wire																												
	<b>MOUNTING</b>	DIN rail / Base Mount																												
	<b>WEIGHT</b>	120 gms																												
	<b>PROTECTION LEVEL</b>	IP40 for housing, IP20 for terminals, Finger Safe Terminals																												
<b>ORDERING INFORMATION</b>	<b>TACY - 10H - U</b>																													
	<b>DESIGN NO.</b>	<b>SUPPLY VOLTAGE</b>																												
	TACY-10H	U : 20 to 240V AC , 47 – 63Hz Or 12 to 240V DC																												



**Switch Settings**



**Timing Diagram**



**Terminal Connections**

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