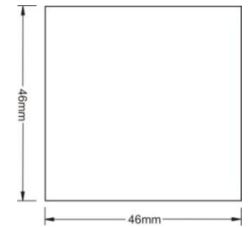
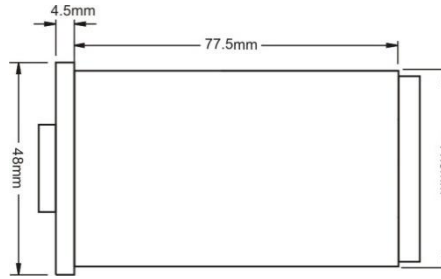


# ANALOG TIMER : T4DU-30H-230AC



Panel Cutout

**ON Delay / Interval – Long Duration**

Dimensions

| FEATURES                      | TIME RANGES  |  | SWITCH SETTINGS  |  |   |  |
|-------------------------------|--|--|--|--|---|--|
|                               | <ul style="list-style-type: none"> <li>ON Delay / Interval</li> <li>12 time ranges</li> <li>Low Cost</li> <li>High Reliability</li> <li>Compact</li> <li>Panel Mounting</li> </ul> | 0 – 1 Sec / Min / Hr<br>0 – 3 Sec / Min / Hr<br>0 – 10 Sec / Min / Hr<br>0 – 30 Sec / Min / Hr (switch selectable)<br>(Refer NOTE below) |  | <b>SCALE</b><br>1 2<br>3 4<br>10 11<br>30 31 | <b>TIME RANGE</b><br>SEC<br>MIN<br>HRS<br>HRS | <b>MODE</b><br>ON DELAY<br>INTERVAL<br>DIR<br>ON ↑ |
| <b>OPERATING MODES</b>        | ON Delay / Interval (switch selectable)  |  | <b>Switch Settings</b><br><br><br><br><b>Timing Diagram</b><br><br><br><br><b>Terminal Connections</b> |  |   |  |
| <b>INDICATIONS</b>            | LED Status Indicator : Power ON, Relay ON  |  |  |  |   |  |
| <b>SUPPLY VOLTAGE</b>         | <b>SUPPLY VOLTAGE</b>  | 230V AC, 47 – 63 Hz  |  |  |   |  |
|                               | <b>POWER CONSUMPTION</b>   | 6VA Max  |  |  |   |  |
|                               | <b>INRUSH CURRENT</b>  | Maximum 5 A, at 240V AC for 20ms   |  |  |   |  |
| <b>ISOLATION</b>              | Supply Terminals – Contacts : 1.5KV, 1min.<br>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)<br>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>  | Panel Mount  |  |  |   |  |
|                               | <b>WEIGHT</b>  | 90gms  |  |  |   |  |
|                               | <b>PROTECTION LEVEL</b>  | IP40 for faceplate   |  |  |   |  |
| <b>ORDERING INFORMATION</b>   | <b>T4DU – 30H – 230AC</b>  |  |  |  |   |  |
|                               | <b>DESIGN NO.</b>  | <b>SUPPLY VOLTAGE</b>  |  |  |   |  |
|                               | T4DU-30H   | 230AC : 230V AC  |  |  |   |  |

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