



DIN 17.5mm

**Features :**

- 15 Functions
- 9 Time ranges
- Front key pad setting
- Universal supply voltage
- Slim, Space saving design

Certifications :  

**Display specifications**

|             |   |
|-------------|---|
| Display     | 3 + 3 digits                            |
| Indications | Relay ON, Operating modes, Hr, Min, Sec |

**Input specifications**

|          |   |
|----------|---|
| Accuracy | Setting : $\pm 0.1\%$ of set time or $\pm 50\text{msec}$<br>(whichever is greater)<br>For Y contact operation : $+100\text{msec}$<br>Repeat : $\pm 0.1\%$ |
|----------|---|

**Output specifications**

|                |              |
|----------------|--------------|
| Relay contact  | 1 C/O SPDT   |
| Contact rating | 8A @ 250V AC |

**Functional specifications**

|                    |   |
|--------------------|---|
| Modes              | On delay (A)<br>Interval (B)<br>Asymmetrical cyclic OFF first (C)<br>Asymmetrical cyclic ON first (D)<br>Cyclic equal OFF first (E)<br>Cyclic equal ON first (F)<br>Pulse output (H)<br>Delay on break (J)<br>Delay on make / break (K)<br>Interval after break (L)<br>Single shot (P)<br>Retriggerable single shot (Q)<br>Latching relay (R)<br>Delay on break with totalise (T)<br>Interval with totalise (U) |
| Time ranges        | 0 - 9.99sec<br>0 - 99.9sec / min / hr<br>0 - 999sec / min / hr<br>0 - 9:59min : sec<br>0 - 9:59hr : min   |
| Counting direction | Down  |
| Memory retention   | Yes (selectable)  |
| Resolution         | 0.01sec   |
| Reset              | Front key, On power interruption<br>Reset time $<100\text{msec}$  |

**Auxiliary supply specifications**

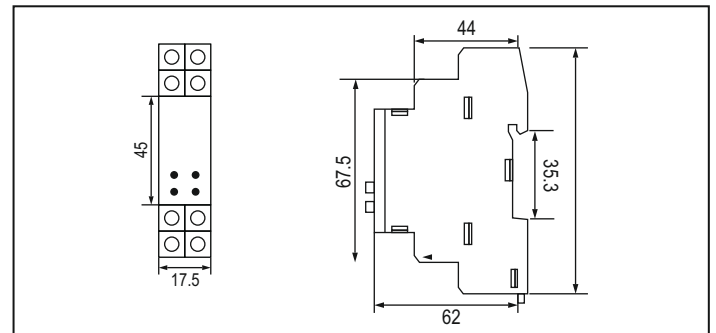
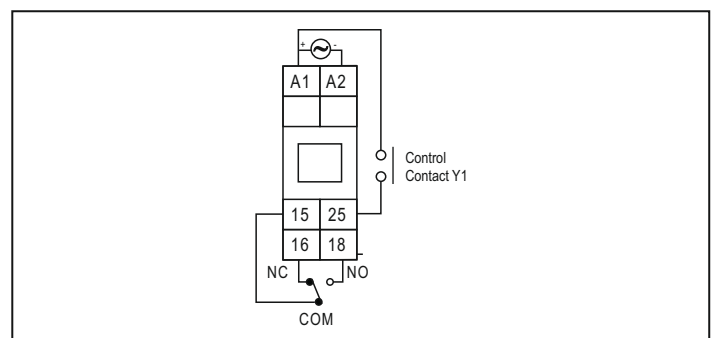
|                   |                                |
|-------------------|--------------------------------|
| Supply voltage    | 20 to 240V AC / DC (50 / 60Hz) |
| Power consumption | 4VA max                        |


**Environmental specifications**

|                             |  |
|-----------------------------|--|
| Temperature                 | Operating : 0 to 50°C (32 to 122°F)<br>Storage : -20 to 75°C (-4 to 167°F) |
| Humidity (non - condensing) | 95% RH   |

**Mechanical specifications**

|          |          |
|----------|----------|
| Mounting | DIN rail |
| Weight   | 75 gms   |

**Dimensions (All are in mm)****Terminal connections**


 Cable Size (AWG) : 16 ; Tightening Torque (Lb - inch) : 5.3...7.08 lbf.in

 Cable Size (mm<sup>2</sup>) : 1.5 ; Tightening Torque (N-m) : 0.6...0.8 N. M

## Compliance

| Applicable EMI / EMC standards    |                     |               |
|-----------------------------------|---------------------|---------------|
| Product standard                  |                     |               |
| Category                          | Reference standards | Testing level |
| Electrostatic discharge           | IEC 61000-4-2       | Level-3       |
| Electrical fast transient / Burst | IEC 61000-4-4       | Level-3       |
| Electromagnetic field             | IEC 61000-4-3       | Level-3       |
| Surge                             | IEC 61000-4-5       | Level-3       |
| 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-11            | Class-B       |
| Rated emissions                   | CISPR-22            | Class-A       |
| Emission & Immunity               | IEC 61326-1         |               |
| Safety                            | IEC 61010-1         |               |
| PFMF (Passing criteria)           | IEC 61000-4-8       | Class A       |

## Ordering information

| Product code | Supply voltage     | Certification  |
|--------------|--------------------|--|
| 600DT        | 20 to 240V AC / DC | CE   |
| 600DT-CU     | 20 to 240V AC / DC | CE  |