# 600ST

# 17.5mm DIN Rail Timer



DIN 17.5mm

## Features :

- On delay
- 10 Time Ranges
- LED Indications : Power ON, Relay ON
- Front Knobs for Time Range & Time Scale
- Slim, Space Saving Design

Certifications :

### Display Specifications

| | |
|---|---|
| LED Indications | Power ON, Relay ON |

### Input Specifications

| | |
|---|---|
| Accuracy | Setting : ±5% of F.S.<br>Repeat : ± 0.5% (F.S. = Full Scale) |

### Output Specifications

| | |
|---|---|
| Relay Contact | 1 C/O SPDT |
| Contact Rating | 5A @ 250V AC |

### Functional Specifications

| | |
|---|---|
| Modes | On delay |
| Time Ranges | 0.1 - 1sec, 0.3 - 3sec, 1 - 10sec, 3 - 30sec<br>0.1 - 1min, 0.3 - 3min, 1 - 10min, 3 - 30min<br>0.1 - 1hr, 0.3 - 3hr |
| Resolution | 0.1sec |
| Reset | On power interruption<br>Reset time < 100msec |

### Auxiliary Supply Specifications

| | |
|---|---|
| Supply Voltage | 240V AC (50 / 60Hz) |

### Environmental Specifications

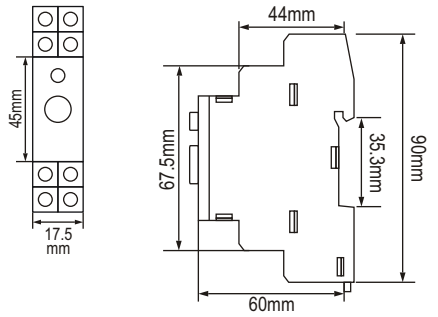
| | |
|---|---|
| Temperature | Operating : 0 to 50°C (32 to 122°F)<br>Storage : -20 to 75°C (-4 to 167°F) |
| Humidity (non - condensing) | 95% RH |

### Mechanical Specifications

| | |
|---|---|
| Mounting | DIN Rail Mount |
| Weight | 61gms |

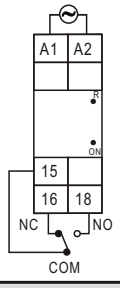
### Dimensions

600ST




### Terminal Connections

600ST

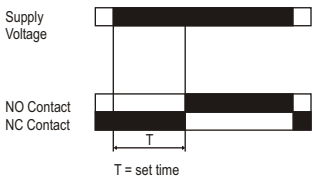



Cable Size (AWG) : 16; Tightening Torque (Lb-inch) : 5.3....7.08 ibf.in

Cable Size ($mm^2$) : 1.5; Tightening Torque (N-m) : 0.6....0.8 N. M

### Timing Diagram

Function : ON Delay (A)



**Compliance**

| Applicable EMI / EMC Standards | | |
|---|---|---|
| **Product Standard** | | |
| **Category** | **Reference Standards** | **Testing Level** |
| Electrostatic Discharge | IEC 61000-4-2 | Level-3 |
| Electrical Fast Transient / Brust | 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 |
|---|---|---|
| **600ST** | 240V AC | CE |
| **600ST-CU** | 240V AC | CE cULus LISTED 4ST6 IND. CONT. EQ. |