DT 9611 | 9411 | 7211 | 4811 Operating Manual



This section gives you all the information necessary to help you monitor and operate your controller including an Operator Interface overview, an explanation of the Displays, keys, LEDs, Mode access, and Operation Modes.









INPUT

Time Setting Counting Direction Range Setting Setting by THUMBWHEEL Switch Up / Down (Factory Set)

0 - 99.9 / 999 Sec./Min.

OUTPUT

Control Output Relay Rating SSR / Buzzer RELAY + RELAY + SSR 1CO + 1CO, 7 Amp, 230 Volt AC 12 V DC Approximately

SPECIFICATIONS

Supply Voltage Reset Facility Start Counting Time Operating Mode Enclosure Material Operating Temp. Relative Humidity 230v AC, ±10%, 50Hz By Frount Keypad

Starts ON with Power Supply

Delayed ON / Instant ON (Factory Set)
Polycarbonate + ABS Plastic

0°C 55°C

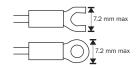
0.0 55.0

Upto 95% RH Non Condensing

PRECAUTIONS WHEN WIRING

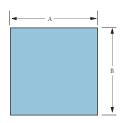
• Separate input leads and power lines in order to prevent external noise.

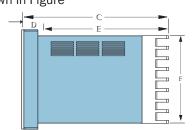
- Use specified size (M3.5, width 7.2 mm or less) crimped terminals for wiring. To connect bare wires to the terminal block, use copper braided or solid wires with a rated temperature of over 70 °C and a gauge of AWG24 to AWG14 (equal to a cross-sectional area of 0.205 to 2.081 mm2). (The stripping length is 5 to 6 mm.) Up to two wires of same size and type, or two crimped terminals can be inserted into a single terminal.
- Use crimp terminals when wiring the terminals.
- Use the suitable wiring material and crimp tools for crimp terminals.
- Tighten the terminal screws to between 0.74 and 0.90 N-m.
- Use the following types of crimp terminals for M3.5 screws.

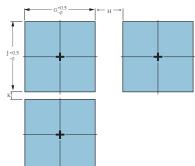


MOUNTING

The controller can be mounted on either a vertical or tilted panel using the mounting bracket supplied. Adequate access space must be available at the back of the panel for installation and servicing activities. Overall dimensions and panel cutout requirements for mounting the controller are shown in Figure





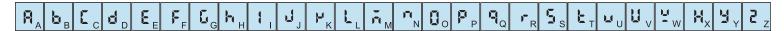


Size	Α	В	С	D	E	F	G	H(Min)	J	K(Min)
(96*96)	100	100	45	3	42	90	92	25	92	25
(96*48)	50	96	73	3	70	86	44	25	88	25
(72*72)	72	72	62	3	59	65	66	25	66	25
(48*48)	50	50	100	3	97	43	44	25	44	25

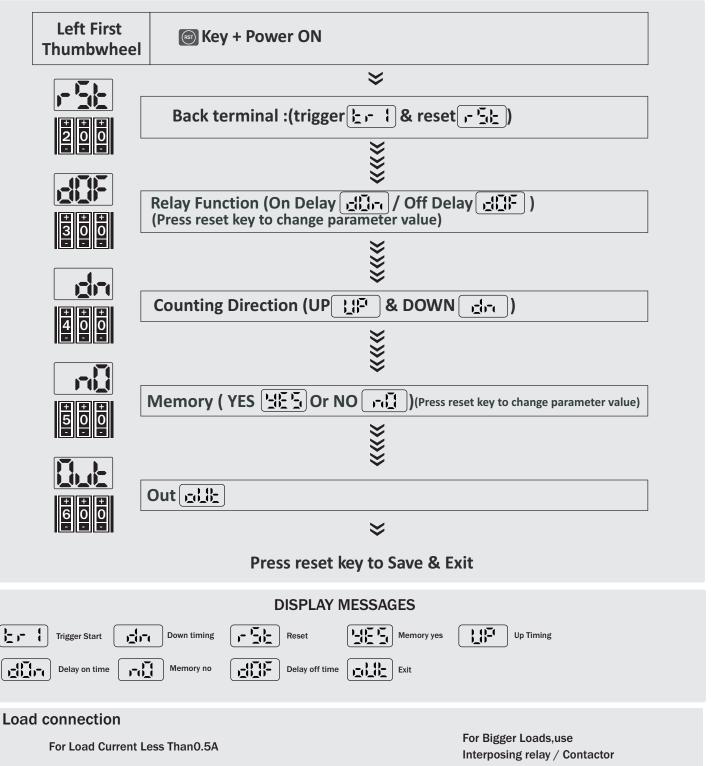
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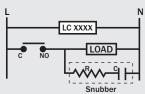


Display Alphabet Characters



PARAMETER SETTING

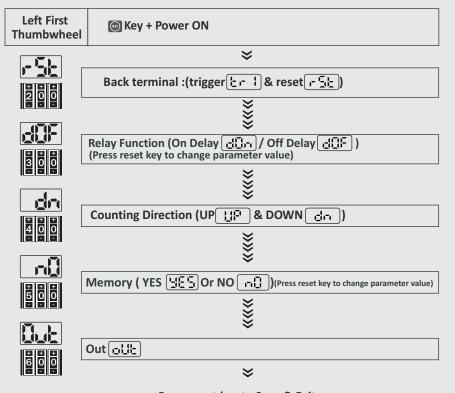




Display Alphabet Characters

A, b, C, d, E, F, G, h, 1, J, P, L, A, A, O, P, A, F, S, E, U, U, Y, H, Y, Z

PARAMETER SETTING

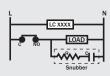


Press reset key to Save & Exit

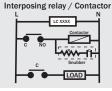
DISPLAY MESSAGES Trigger Start Down timing Down timing

Load connection

For Load Current Less Than 0.5A



For Bigger Loads,use



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Time Setting

Counting Direction

Range Setting

Setting by THUMBWHEEL Switch Up / Down (Factory Set) 0 - 99.9 / 999 Sec./Min.

OUTPUT

Control Output

Relay Rating

SSR / Buzzer

RELAY + RELAY + SSR 1CO + 1CO, 7 Amp, 230 Volt AC 12 V DC Approximately

SPECIFICATIONS

Supply Voltage
Reset Facility
Start Counting Time
Operating Mode
Enclosure Material
Operating Temp.
Relative Humidity

230v AC, ±10%, 50Hz By Frount Keypad Starts ON with Power Supply Delayed ON / Instant ON (Factory Set) Polycarbonate + ABS Plastic 0°C 55°C Upto 95% RH Non Condensing

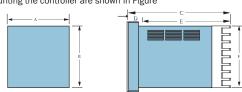
PRECAUTIONS WHEN WIRING

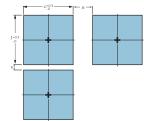
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-m. Page 122 mm max 12

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