

NXT-48

EXTENSION TIMER



DESCRIPTION

The NXT-48 is a fully Microprocessor based Extension Timer. Two seven-segment displays are used to display set time or remaining time. Multiple ranges of timer can be selected via rotary dip switch. Two push buttons provided, are used to set time and start/stop the timer respectively. A volt-free 'HOLD' input is available to hold the timer externally. Both versions available, 24VAC/DC and 230VAC. The 230V version is transformer based, therefore provides isolation from mains.



SPECIFICATIONS

Power Supply	24VAC/DC or 230VAC
Power Consumption	2VA Max
Time Range (Hours) selectable via rotary dip switch	0-3, 0-5, 0-6, 0-7, 0-10, 0-12, 0-18, 0-20, 0-24, 0-48
Timer HOLD input	Volt-free (close contacts to hold)
Volt-free relay output (SPNO)	6(1)A, 250VAC
Dimensions	86 x 86 x 26 (W x H x D)

FEATURES

- 1 to 48 Hours Extension Timer. Range is user selectable via 10 position Rotary DIP Switch
- Fully Microprocessor controlled with seven-segment display and two push buttons
- Blinking Display Indication when Timer stops automatically
- Timer Hold Terminal (Volt-free input)
- Volt-free relay output (SPNO)
- Visual LED relay status
- 24VAC/DC or 230VAC Power input
- Wall mount Enclosure

ORDERING INFORMATION

NXT-48/24	0-48hrs(range selectable), 24VAC/DC
NXT-48/230	0-48hrs(range selectable), 230VAC

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OPERATION

Press '**TIME**' button repeatedly or hold to set required time in hours. Press '**START**' to run the timer. Timer running status can be observed by blinking dot on the display and the 'ON' LED, which is lit when the relay is energized. Once the timer is on, modification of time is restricted.

Closing the HOLD contacts will put the timer on hold and the display will be blinking. By pressing '**STOP**', the timer can be stopped anytime. After elapsed time, the timer stops, relay is de-energized and the display 0 starts blinking.

INSTALLATION

The timer should be installed by a qualified person. Follow all the regulations while wiring the unit. Make sure supply voltage applied to the unit according to order codes. Connecting 230V to 24V unit will damage the permanently. Never apply power to NO/C and HOLD terminals. HOLD terminals must be connected to volt-free switch, however relay contacts are volt-free contacts so must be connected via load. Never connect Live and Neutral directly to NO and C terminals. Timer range can be set by 10 position rotary DIP switch. Scale has been provided on board.

RANGE TABLE

0	0-3 Hours	2	0-6 Hours	4	0-10 Hours	6	0-18 Hours	8	0-24 Hours
1	0-5 Hours	3	0-7 Hours	5	0-12 Hours	7	0-20 Hours	9	0-48 Hours

DIMENSIONS

