



RELAYS & CONTACTORS

IDEC MULTIFUNCTION ELECTRONIC TIMERS RTE SERIES

DESCRIPTION

The **IDEC RTE Series** multi-function electronic timers are socket-mounted adjustable time delay relays available in two function groups. The timer functions and time ranges are easily selected by setting external switches. The knob on the front of the timer is used to set the precise delay period within the selected time range.

Timer Functions

RTE-B1/RTE-P1 (Power-Triggered)

-ON-Delay, Interval, OFF-Cycle, ON-Cycle

RTE-B2/RTE-P2 (Signal-triggered)

-ON-Delay, OFF-Cycle, OFF-Delay, ON-Cycle, Single-Shot

FEATURES

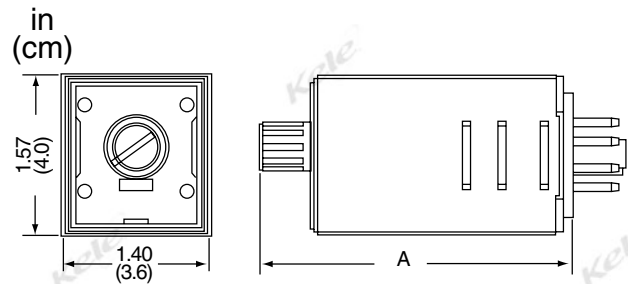
- Selectable 10 timing functions and 20 time ranges
- Time delay settings from 0.1 second to 600 hours
- Two Form C delayed output contacts
- Space-saving package
- High repeat accuracy of $\pm 0.2\%$
- On and timing out LED indicators
- Standard 8-pin, 11-pin, or 11-blade relay socket
- UL Listed, CE certified

SPECIFICATIONS

Time Delay Settings	0.1 sec to 600 hours
Contact Configuration	2 Form C, DPDT (delay outputs)
Load Type	10A resistive @ 240 VAC, 30 VDC; 7A inductive @ 240 VAC, 30 VDC; 1/6 hp @ 120 VAC; 1/3 hp @ 240 VAC
Input	
AD models	24 VAC/VDC (3.5 VA/1.7W)
AF models	120VAC (6.6 VA)
Operating Temperature	-4° to 149°F (-20° to 65°C)
Operating Humidity	35% to 85% RH
Reset Time	100 ms maximum
Accuracy	$\pm 0.2\%$, ± 20 ms
Setting Error	$\pm 10\%$ maximum
Insulation Resistance	100 M Ω minimum (500 VDC)
Dielectric Strength	Between power and output terminals: 2000 VAC, 1 minute Between contacts of different poles: 2000 VAC, 1 minute Between contacts on the same pole: 1000 VAC, 1 minute
Electrical Life	500,000 operations (resistive)
Mechanical Life	50 million operations
Weight	0.2 lb (0.091 Kg)
Approvals	UL listed, File #E66043, CE
Warranty	1 year



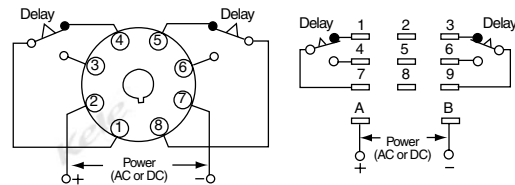
DIMENSIONS



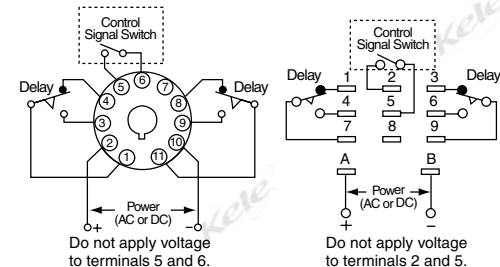
RTE-P 8/11 Pin:	A = 3.06 (7.79)
RTE-B 11 Blade:	A = 2.95 (7.49)

WIRING

Bottom View



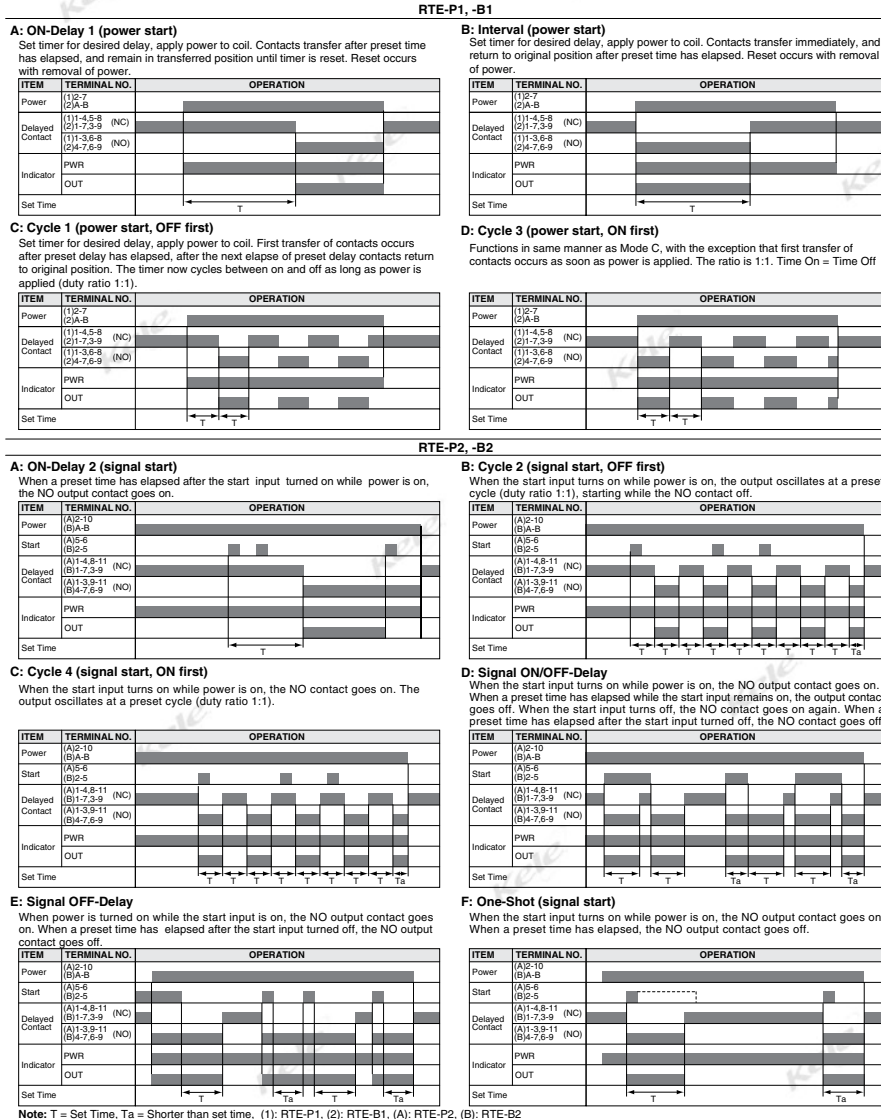
RTE-B1/RTE-P1



RTE-B2/RTE-P2



OPERATION



ORDERING INFORMATION

MODEL
RTE-B1AD24
RTE-B1AF20
RTE-B2AD24
RTE-B2AF20
RTE-P1AD24
RTE-P1AF20
RTE-P2AD24
RTE-P2AF20
RTE-P1D12
RTE-P2D12

DESCRIPTION

11 Blade 24 VAC/VDC On-delay, interval, off-cycle, on-cycle SR3B-05
 11 Blade 100-240 VAC On-delay, interval, off-cycle, on-cycle SR3B-05
 11 Blade 24 VAC/VDC On-delay, off-cycle, off-delay, on-cycle, single shot SR3B-05
 11 Blade 100-240 VAC On-delay, off-cycle, off-delay, on-cycle, single shot SR3B-05
 8 Pin 24 VAC/VDC On-delay, interval, off-cycle, on-cycle SR2P-06
 8 Pin 100-240 VAC On-delay, interval, off-cycle, on-cycle SR2P-06
 11 Pin 24 VAC/VDC On-delay, off-cycle, off-delay, on-cycle, single shot SR3P-06
 11 Pin 100-240 VAC On-delay, off-cycle, off-delay, on-cycle, single shot SR3P-06
 8 pin 12 VDC On-Delay, interval, off-cycle, on-cycle SR3P-05C
 11 pin 12 VDC On-delay, off-cycle, off-delay, on-cycle, single shot SR3P-05C

RELATED PRODUCTS

SR2P-06
SR3B-05
SR3P-05C
SR3P-06

Relay socket, DPDT pin type, DIN/surface mount
 Relay socket, three-pole blade type, DIN/surface mount
 Relay socket, SPDT, DPDT, or 3PDT blade type, DIN/surface mount
 Relay socket, 3PDT pin type, DIN/surface mount