

FEATURES

BENEFITS

UL
UL Recognized
File No. E43641

NEW

WIDE TIME RANGE:	0.1 SECONDS TO 10 HOUR, 8 SCALES, FINE ADJUSTMENT WITH KNOB
AC / DC:	NO NEED TO SPECIFY AC OR DC (AC ONLY FOR 240)
ALL POPULAR VOLTAGES AVAILABLE:	12, 24, 120, 240
DUAL FUNCTION:	ON DELAY / INTERVAL OFF DELAY / RETRIGGERABLE ONE SHOT
INDICATOR LED'S:	GREEN SHOWS POWER ON RED SHOWS OUTPUT RELAY ENERGIZED
ELECTROMECHANICAL OUTPUT:	UP TO 12 AMPS PER POLE, DPDT
COMPACT SIZE:	36mm WIDE TO OPTIMIZE DIN RAIL SPACE
FITS INDUSTRY SOCKETS:	8 PIN OCTAL, 11 PIN OCTAL OR BLADES
ACCEPTS FLANGE ADAPTORS:	PANEL MOUNT OR DIN MOUNT WITH TERMINALS EXPOSED
REMOVABLE KNOB:	PREVENT TAMPERING, REMOVE KNOB TO EXPOSE RECESSED SCREWDRIVER SLOT

**MANUFACTURED
UNDER
ISO 9002
& QS 9000**

**TDRSRXB
TDRSOXB**



BLADES →
(QUICK CONNECT)

**TDRSRXP
TDRSOXP**



PINS →
(OCTAL BASE)

**TOP OR SIDE MOUNT
BRACKET ADAPTORS**

ORDERED AND SHIPPED
SEPARATELY



**DIN ADAPTER
16-711C4**

**FLANGE ADAPTER
16-711C1**

GENERAL SPECIFICATIONS (@ 25°C)

	UNITS	
TIMING		
Functions Available:		2-On delay/interval or Off delay/ Retriggerable One Shot
Time Scales:		8
Time Range:		0.1 second to 10 hours
Timing Adjustment:		KNOB
Timing Deviation (mechanical setting):	%	±10
Timing Repeatability (Constant voltage and temperature):	%	1
Reset Time:	mS maximum	150
Input Pulse Length:	mS minimum	50
INPUT		
Standard Voltage:	VAC/VDC	12, 24, 120, 240 (240 AC only)
Input Voltage Tolerance:	of nominal	-20% , +10%,
Power Consumption:	maximum	5 VA / 2.5 W
Transient Protection:		Yes
Reverse Polarity Protection:		Non-polarity sensitive
Input Indication:		Green LED
OUTPUT		
Contact Rating AC Amperes (AC1):	VAC 50/60Hz	12 amps resistive @ 240
Contact Rating DC Amperes (DC1):	VDC	12 amps resistive @ 30
Minimum Load:	mW	500 mW
Contact Material:		Silver alloy
Output Indication:		Red LED

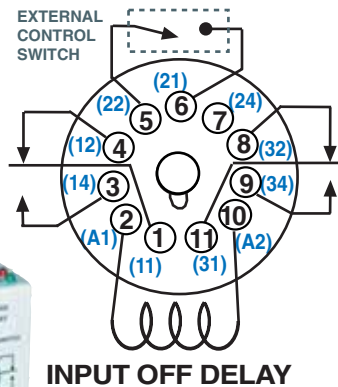
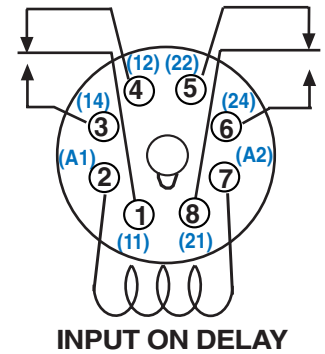
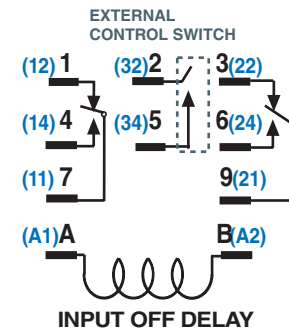
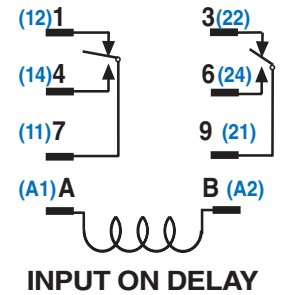
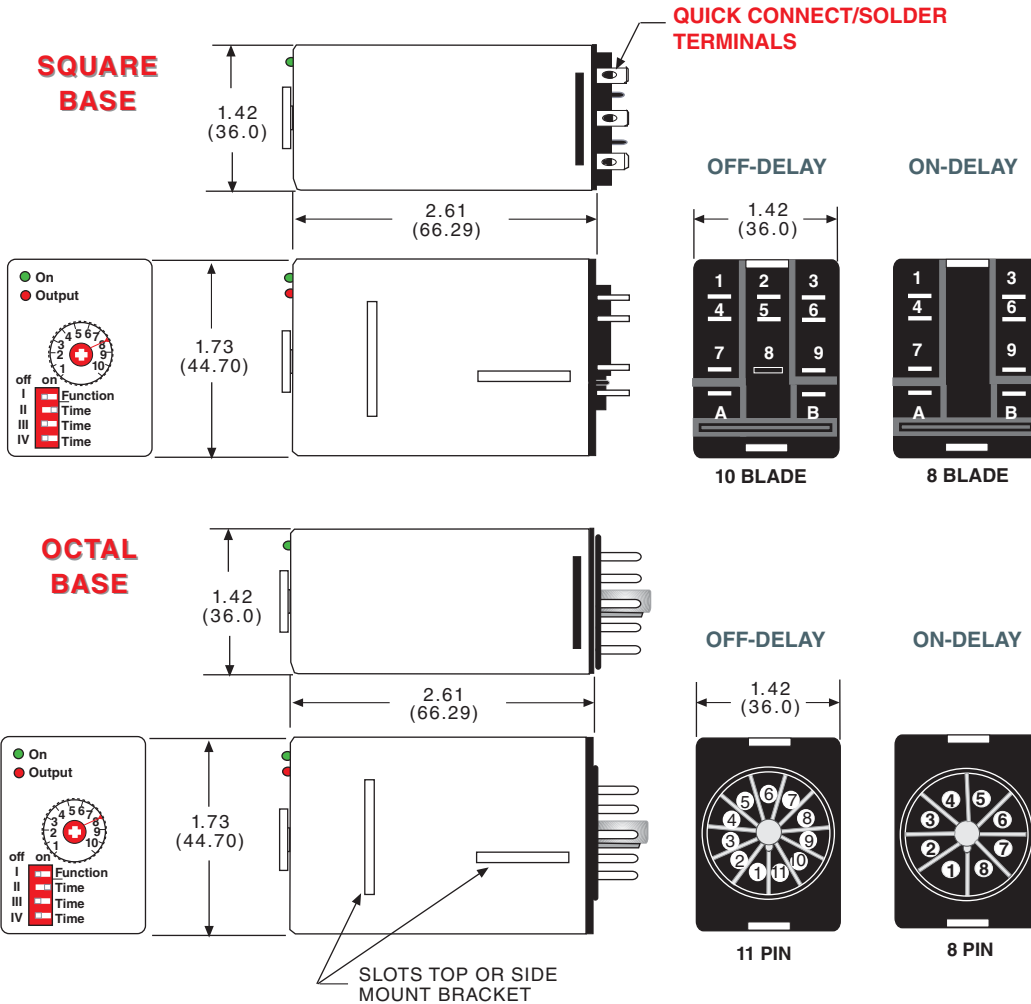
	UNITS	
DIELECTRIC STRENGTH		
Across Open Contacts:	Vrms	1,000
Input to Contacts:	Vrms	2,500
Pole to Pole:	Vrms	2,000
TEMPERATURE		
Operating, Lower:	°C	-20
Operating, Upper:	°C	+55
Storage, Lower:	°C	-20
Storage, Upper:	°C	+85
LIFE EXPECTANCY		
Electrical Full Load	operations	100,000
Mechanical @ no Load :	operations	10,000,000
MISCELLANEOUS		
Operating Position:		Any
Cover Protection Category:	IP	40
Terminals:		XB: = 0.187 x 0.020" quick connect OXP=8 pin octal, RXP=11 pin octal
Weight:	grams	90

TDR SERIES COMPACT TIME DELAY RELAYS



DPDT, 12 AMPS

WIRING DIAGRAM (VIEWED FROM PIN END)



ALTERNATE NEMA OR IEC () NUMBERS VIEWED FROM PIN SIDE

STANDARD PART NUMBERS	CONTACT CONFIGURATION	NOMINAL INPUT VOLTAGE	MATING SOCKETS See section 7
8 PIN OCTAL BASE - ON DELAY / INTERVAL, 12 AMP			
TDRSOXP-12	DPDT	12 VAC/VDC	70-464-1
TDRSOXP-24		24 VAC/VDC	
TDRSOXP-120		120 VAC/VDC	70-750D8-1
TDRSOXP-240		240 VAC	
11 PIN OCTAL BASE - OFF DELAY / RETRIGGERABLE ONE SHOT, 12 AMP			
TDRSRXP-12	DPDT	12 VAC/VDC	70-465-1
TDRSRXP-24		24 VAC/VDC	
TDRSRXP-120		120 VAC/VDC	70-750D11-1
TDRSRXP-240		240 VAC	
8 BLADE SQUARE BASE - ON DELAY / INTERVAL, 12 AMP			
*TDRSOXB-12	DPDT	12 VAC/VDC	70-463-1
*TDRSOXB-24		24 VAC/VDC	
*TDRSOXB-120		120 VAC/VDC	
TDRSOXB-240		240 VAC	
10 BLADE SQUARE BASE - OFF DELAY / RETRIGGERABLE ONE SHOT, 12 AMP			
TDRSRXB-12	DPDT	12 VAC/VDC	70-463-1
TDRSRXB-24		24 VAC/VDC	
TDRSRXB-120		120 VAC/VDC	
TDRSRXB-240		240 VAC	

