

FEATURES



5 TIMING FUNCTIONS, TIMING RANGES FROM 0.1 SECONDS TO 9,990 HOURS, UNIVERSAL VOLTAGE INPUT AND 12 AMP OUTPUT FOR HIGHER POWER APPLICATIONS

UNIVERSAL POWER SUPPLY ALLOWS FOR INPUT VOLTAGES FROM 24 TO 240 VDC OR VAC 50/60HZ.

CLASS "F" INSULATION SYSTEM

THUMB WHEEL ADJUSTMENTS FOR FUNCTION AND TIMING

RED L.E.D. LAMP INDICATOR

0.1 % ACCURACY USING A CRYSTAL CLOCK

MOUNTING CLIP ALLOWS FOR VARIED PANEL THICKNESSES,

BENEFITS

FIVE FUNCTIONS - ONE PACKAGE

ONE PART FOR MOST VOLTAGES

12 AMPS CONTACT RATING

POSITIVE POSITION THUMB WHEEL ADJUSTMENT

STATUS L.E.D.

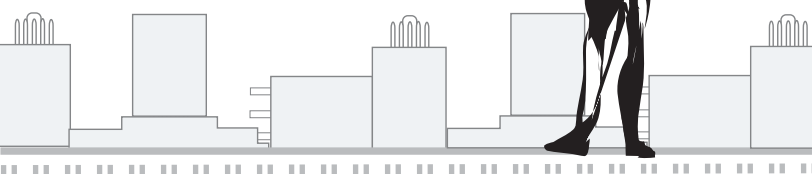
ACCURATE TIME, ALL THE TIME

PANEL CLIP INCLUDED



GENERAL SPECIFICATIONS (@ 25°C)

	UNITS	
TIMING		
Functions Available:		2-On delay/interval or off delay/ retriggerable one shot
Time Scales:		7
Time Range:		0.1 second to 9990 hours
Timing Adjustment:		Thumbwheels
Timing Deviation (mechanical setting):	%	None
Timing Repeatability (Constant voltage and temperature):	%	0.1
Reset Time:	mS maximum	150
Input Pulse Length:	mS minimum	50
INPUT		
Standard Voltage:	AC/DC	24 to 240
Input Voltage Tolerance:	of nominal	-15% , +15%,
Power Consumption:	maximum	2.5 VA / 2. W
Transient Protection:		Yes
Reverse Polarity Protection:		Non-polarity sensitive
Input Indication:		See output indication
OUTPUT		
Contact Rating AC Amperes (AC1):	VAC 50/60Hz	12 amps resistive @ 240
Contact Rating DC Amperes (DC1):	VDC	12 amps resistive @ 30
Contact Rating Pilot Duty:		B300
Minimum Load:	mW	500 mW
Contact Material:		Silver alloy
Output Indication:		Red LED: blinks = timing On = energized



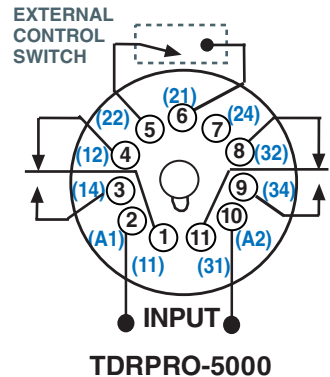
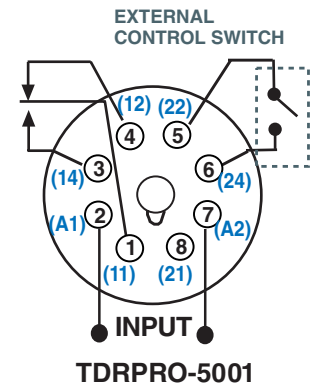
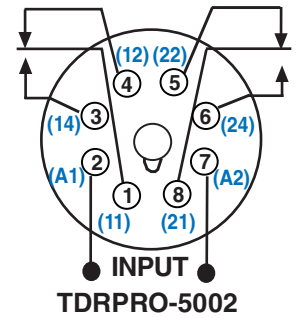
	UNITS	
DIELECTRIC STRENGTH		
Across Open Contacts:	Vrms	1,000
Input to Contacts:	Vrms	2,500
Pole to Pole:	Vrms	2,000
TEMPERATURE		
Operating, Lower:	°C	-20
Operating, Upper:	°C	+55
Storage, Lower:	°C	-20
Storage, Upper:	°C	+85
LIFE EXPECTANCY		
Electrical Full Load	operations	100,000
Mechanical @ no Load :	operations	10.000.000
MISCELLANEOUS		
Operating Position:		Any
Cover Protection Category:	IP	40
Terminals:		TDRPRO-5000= 11pin octal TDRPRO-5001, 5002= 8 pin octal
Weight:	grams	122

TDRPRO-5000 PROGRAMMABLE TIME DELAY RELAY



SPDT & DPDT, 12 AMPS

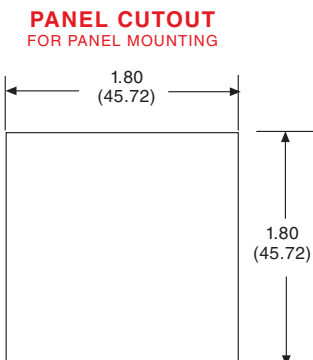
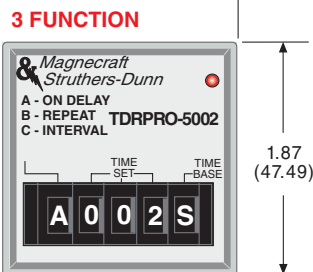
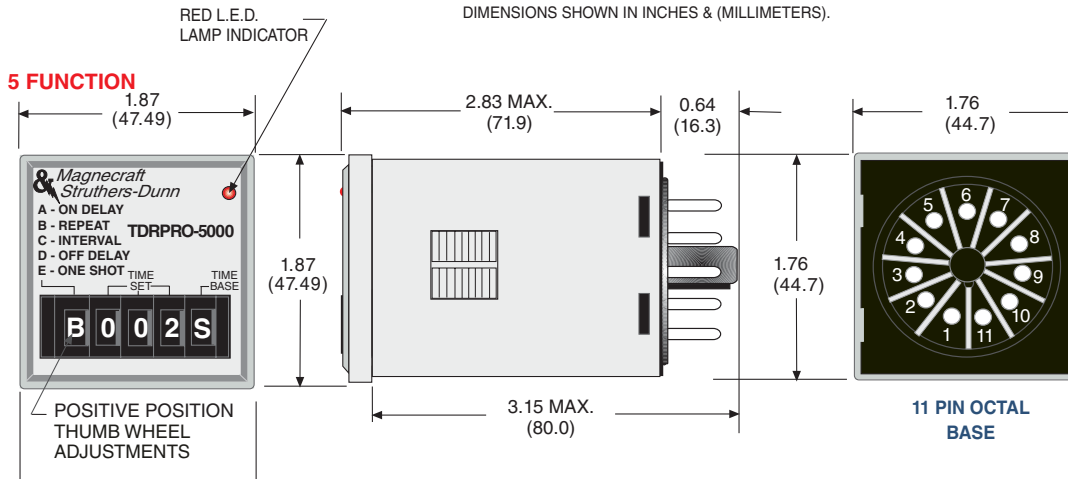
WIRING DIAGRAM (VIEWED FROM PIN END)



EXTERNAL SWITCH SHALL NOT BE CONNECTED TO ANY EXTERNAL LOAD OR VOLTAGE. DAMAGE TO INTERNAL COMPONENTS MAY OCCUR.

ALTERNATE NEMA OR IEC () NUMBERS VIEWED FROM PIN SIDE

OUTLINE DIMENSIONS DIMENSIONS SHOWN IN INCHES & (MILLIMETERS).



STANDARD PART NUMBERS	CONTACT CONFIGURATION	TIMING RANGE	MATING SOCKETS See section 7
5 FUNCTION - 11 PIN, 12 AMP			
TDRPRO-5000	DPDT	0.1 SECOND TO 9,990 HOURS	70-465-1 70-750D11-1
5 FUNCTION - 8 PIN, 12 AMP			
TDRPRO-5001	SPDT	0.1 SECOND TO 9,990 HOURS	70-464-1 70-750D8-1
3 FUNCTION - 8 PIN, 12 AMP			
TDRPRO-5002	DPDT	0.1 SECOND TO 9,990 HOURS	70-464-1 70-750D8-1

COMPARE TO: IDEC RTE SERIES, OMRON H3 SERIES & P & B CN SERIES

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