

Deep Sea Electronics Plc

200 Series TIMERS

DELAY ON ENERGISE (DE)

The delay on energise timer (DE) changes the state of the internal relay after the set time period. Indication of power and state of relay is via LED indication.

- Available in 8 & 11 pin configuration
- Large choice of time ranges
- 2 pole 6 amp, 1 pole 15 amp options
- Wide choice of AC or DC voltages

SPECIFICATIONS

SUPPLY VOLTAGES:

AC MODELS: 110 TO 277v AC
50/60 hz all voltages -15% + 10%

DC MODELS: 12v(9.5 to 17v)
24v (18 to 32v)

TIMER ACCURACY: +10%-0% of full scale

REPEAT ACCURACY: 1% of range

TIMER RANGE: 3,5,10,15,30,60 secs/mins -
others on request

MINIMUM TIME: 50 msec or 1% of range

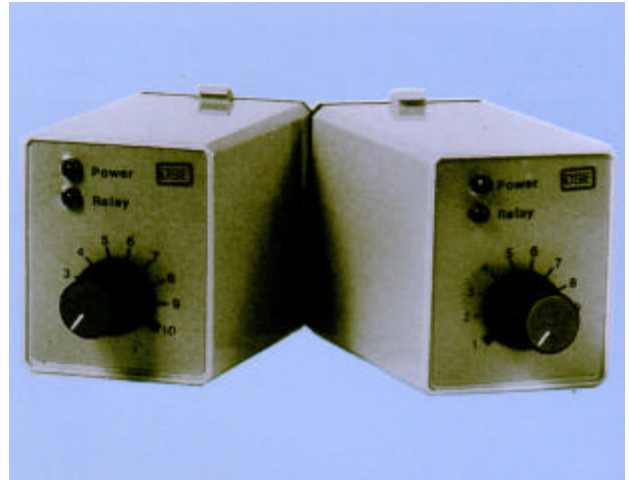
RESET TIME: typically 40 msec

OPERATIONAL CURRENT: approx 80 milli amps

PROTECTION: DC timers are reversed
polarity protected, all units are
protected from short term
supply born transients.

RELAY CONTACTS: 2 pole change over 15 amp
resistive at 240v AC

OPERATING TEMPERATURE:
-10°C to + 60°C

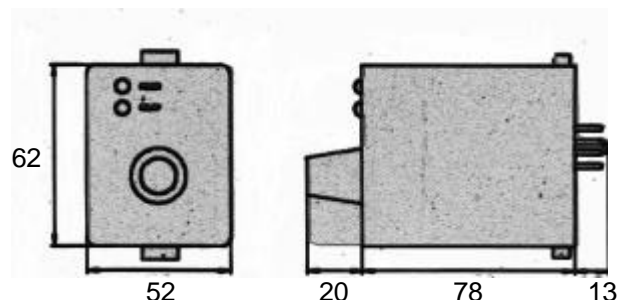


DESCRIPTION

On application of a continuous supply voltage, the POWER LED illuminates and the timing period begins. The RELAY LED will be illuminated and outputs change over when the set time period has elapsed. These contacts remain energised until the unit has been reset by removal of the supply voltage.

CASE DIMENSIONS

Dimensions in mm.



ORDERING INFORMATION

Refer to section 1

TELEPHONE +44 (0) 1723 377566

FAX +44 (0) 1723 354453

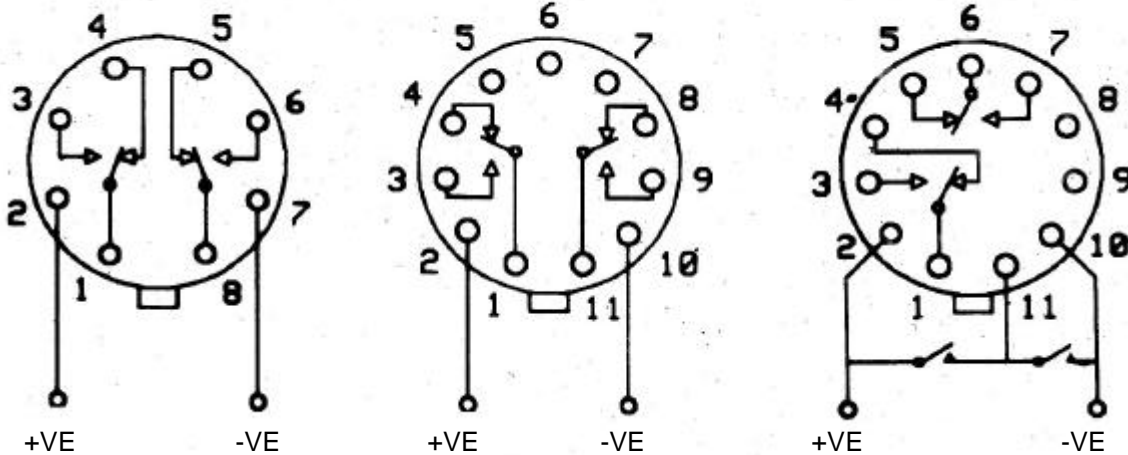
ORDERING CODE AND CHARACTERISTICS

EXAMPLE: 200/2/A/DE/30S/240 AC

200	2	A	D.E.			30S	240 AC
------------	----------	----------	-------------	--	--	------------	---------------

SERIES	NO. OF OUTPUT CONTACTS		BASE CONFIGURATION		MODE OF OPERATION		MAXIMUM SETTING			SUPPLY VOLTAGE			
	1	One Pole	A	8 Pin Plug-in	DE	Delay on energise	3	S=SECOND	3	M=MINUTES	12	VDC	
2	Two Pole	B	11 Pin Plug-in	IT	Interval	5	5		24				
3	Three Pole			TDD	True delay on de-energise	10	10		48				
				DD	Delay on de-energise	15	15		12		VAC		
				MA	Multi attempt	30	30		24				
				C1	Cyclic (one adjustment)	60	60		50				
				C2	Cyclic (two adjustments)				110				
									240				
											Others on application		

CONNECTION DIAGRAMS AND CODES



TELEPHONE +44 (0) 1723 377566

FAX +44 (0) 1723 354453