

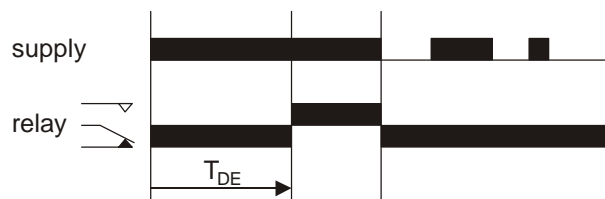
TR25 and TR40 series

TIME RELAYS, 8 PIN PLUG-IN

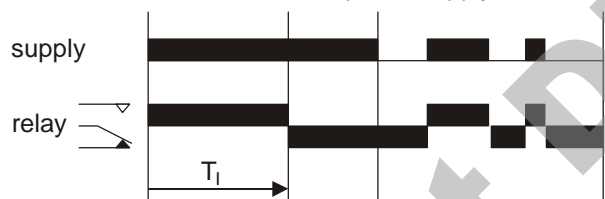
A range of compact time relays for use in general purpose control applications. The timers are designed for 12VDC or 24VDC use, with a wide range of available timescales.

The **TR25** range has a delay on energisation action. The time period begins as soon as power is applied. The relay energises as soon as the time period expires (T_{DE} below) and remains energised so long as the power is maintained.

The timer resets and the relay de-energises whenever the power supply is removed:-



The **TR40** is an interval timer. The relay energises and timing begins as soon as the power is applied. With the supply maintained, the relay remains energised until the end of the set time (T_I below). The relay de-energises and the timer resets when the power supply is removed:-



For both TR25 and TR40 ranges, the time period is user-set by an adjuster on top of the unit. Standard adjustment ranges are available to 1, 2.5, 5, 10, 25, 50, 100, 250 or 1000 seconds or minutes, and 5 or 10 hours. Standard supply voltage variations are 12VDC and 24VDC.

Electrical connection is through a standard 8 pin (octal) base (not supplied). On standard units, the base locating pip is positioned down relative to the timescale label. The units are housed in a clear polycarbonate case: a red LED, visible through the casing, lights to indicate that the relay is energised.

How to order

Please specify:-

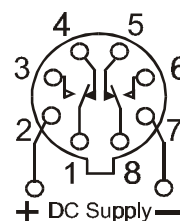
- Product type number (TR25 or TR40)
- Power supply voltage (12 VDC or 24 VDC)
- Time range



Specifications

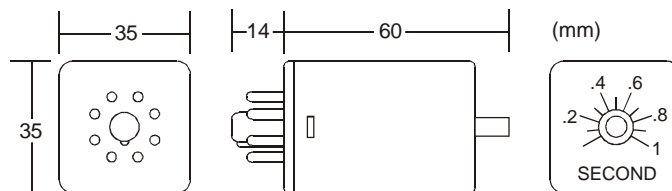
	12VDC	24VDC
Input/Power supply:		
supply voltage range	7.5 - 16 VDC	18 - 32 VDC
power consumption	< 2 W	
Time settings:		
adjustment ranges	various, up to 10 hours	
time variability	< 1%	
minimum time setting	approx. 2% of maximum setting	
Relay output:		
contact type	voltage free DPCO contacts	
current rating	5 A max. @ 240 VAC (resistive load)	
rated operations	2 x 10 ⁵ operations	
General:		
operating temp. range	- 10 to +55°C	
weight	< 70 g	

Connection



Relay shown de-energised

Dimensions



FWMurphy

PO Box 470248
Tulsa, Oklahoma 74147, USA
tel: (918) 627 3550
fax: (918) 664 6146
email: sales@fwmurphy.com
web: www.fwmurphy.com

CONTROL SYSTEMS AND SERVICES DIVISION
PO Box 1819, Rosenberg, Texas 77471, USA
tel: (281) 342 0297
fax: (281) 341 6006
email: sales@fwmurphy.com

MURPHY DE MEXICO S.A. DE C.V.
Blvd. Antonio Rocha Cordero 300, Fracción del Aguaje
San Luis Potosí, S.L.P. México 78384
tel: + 52 444 8206264
fax: + 52 444 8206336
email: ventasmex@murphymex.com.mx
web: www.murphymex.com

FRANK W. MURPHY LTD.
Church Rd, Laverstock, Salisbury, SP1 1QZ, UK
tel: +44 1722 410055
fax: +44 1722 410088
email: sales@fwmurphy.co.uk
web: www.fwmurphy.co.uk

MURPHY SWITCH OF CALIFORNIA
41343 12th Street West,
Palmdale, CA 93551-1442, USA
tel: (661) 272 4700
fax: (661) 947 7570
email: sales@murphyswitch.com
web: www.murphyswitch.com

MACQUARRIE CORPORATION
1620 Hume Highway,
Campbellfield, Victoria 3061, Australia
tel: +61 3 9358 5555
fax: +61 3 9358 5558
email: murphy@macquarrie.com.au

