

TD70 SERIES, SOLID STATE DELAY ON BREAK TIMERS TECHNICAL SPECIFICATION

14-Aug-01

APPLICATION

"OFF" Delay On Break
Protects Air-conditioning, Refrigeration and Heat pumps from damage, which may be caused by short cycling of compressor.

MODE OF OPERATION

Upon application of power, Load energizes immediately.

When Thermostat opens or on Power interruption, Load re-energizes and time delay initiates. Load will be energized again after delay time elapses.

Contact Resistance	Less than 50mOhm
Dielectric withstand	1500V AC
Insulation Resistance	More than 100mOhm at DC 500V Megger
Contact Life	100.000 Cycles

* In TD73 Series, for 110/240 Volts application cut jumper.

** This timer is not for use with Cooling anticipator.

Packaging	H = Blister pack
	B = Bulk



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SPECIFICATIONS

Delay Range (Adjustable)	6 sec. to 5 min.
Delay Range (Fixed)	3 or 5 minutes.
Initiate Timer	70 milliseconds.
Input Voltage *	19 to 250 VAC. 50/60Hz
Maximum Load	1 Amp., 10 Amp. Inrush.
Operating Temperature	0°F to +160°F (-18°C to +71°C)
Dimensions	2" x 2" x 0.75", (5.08 x 5.08 x 1.9 cm)
Mounting	Nonpositional: single hole mounting
Connections	1/4" quick male terminals or 6" long leads.

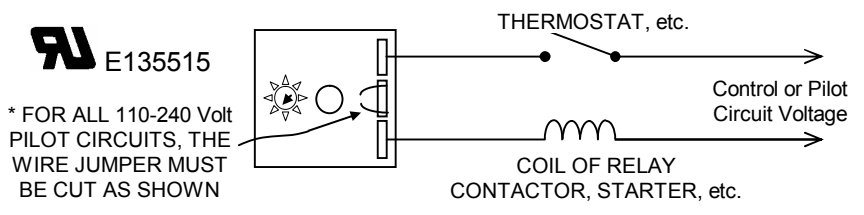
All Parameters are subject to change as per special requirements.

PART NO.	DELAY PERIOD	CONNECTIONS
TD72 **	Adj. 6 Sec. to 5 Min.	(2) 1/4" Male Terminals
TD73	Adj. 6 Sec. to 5 Min.	- " -
TD733	Fixed 3 Min.	- " -
TD735	Fixed 5 Min.	- " -
TD73W	Adj. 6 Sec. to 5 Min.	(2) 6" LG. Wire Leads
TD733W	Fixed 3 Min.	- " -
TD735W	Fixed 5 Min.	- " -

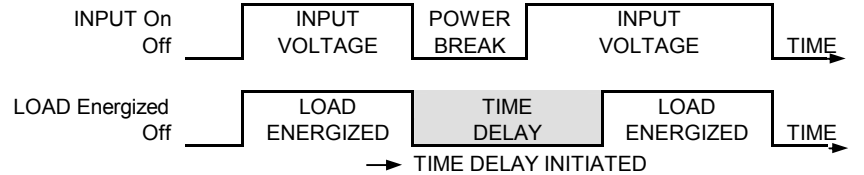
INSTALLATION INSTRUCTION:

1. Disconnect power before servicing equipment.
2. Connect terminals or wires in series with the coil of the starting device.
3. For 24V pilot circuit with or without a cooling anticipator thermostat, use as packaged. For all 110/240V installations the wire jumper must be cut and separated.
4. Restore power and check operation.

INSTALLATION DIAGRAM:



TIMING DIAGRAM:



Europe

SUPCO International LTD.

P.O. BOX 8047, HAUMANUT ST. 3, NETANYA, 42180, ISRAEL.
PHONE: 972-9-865 4101 * FAX: 972-9-865 9111

<http://www.supco.co.il/>

USA

SEALED UNIT PARTS CO., INC.

P.O. BOX 21, 2230 LANDMARK PLACE, ALLENWOOD, NJ 08720 USA.
PHONE: (732) 223-6644 * FAX: (732) 223-1617

<http://www.supco.com/>