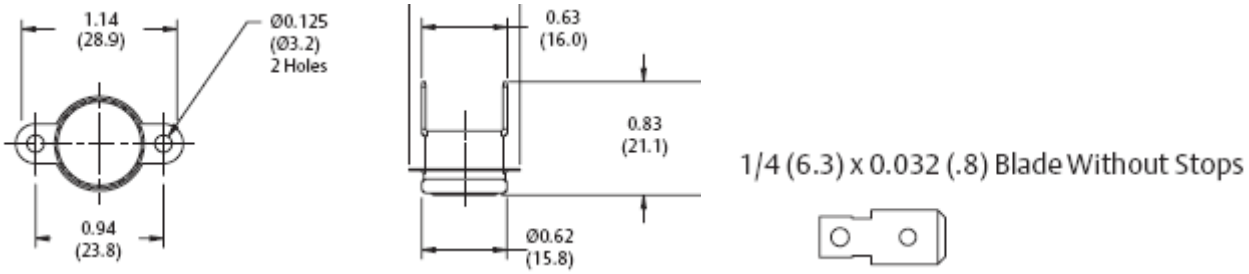
TESTCO does not provide service parts to the general public. Therm-O-Disc is a large manufacturer of bimetal thermostats, thermal fuses, and other devices. The majority of their products are custom made and proprietary for Original Equipment Manufacturers (OEM's). **Consequently, to receive an exact replacement part you must contact the OEM.** We offer some standard configurations which you will see below.

36T Series
Snap-Action Temperature Controls

The 36T series of ½" bimetal temperature controls from Therm-O-Disc offers proven reliability in a compact, versatile, cost-effective design. The snap-action of the bimetal disc provides high-speed contact separation resulting in excellent life cycle characteristics at electrical loads up to 15 amps at 120VAC and 10 amps at 250 VAC (100,000 cycles) and 16 amps at 250VAC (30,000 cycles).



Surface Mount Bracket – The bimetal disc sensing element is positioned firmly against the mounting surface so it senses the actual mounting surface temperature.

Switch Action

Automatic Reset – Can be built to either open or close the contacts on temperature rise.

General Electrical Ratings

The 36T series of controls has been rated by major agencies throughout the world. The agency ratings can be used as a guide when evaluating specific applications. However, the mechanical, electrical, thermal and environmental conditions to which a control may be exposed in an application may differ significantly from agency test conditions. Therefore, the user must not rely solely on agency ratings, but must perform adequate testing of the product to confirm that the control selected will operate as intended in the user's application.

TESTCO
Electronic Component Distribution

The following chart summarizes the most common 36T ratings.

UL/CSA	Maximum Calibration	Volts AC	Resistive amps	Inductive amps		Cycles	Notes
				FLA	LRA		
Automatic Reset	350°F	120	15	3	12	100,000	CSA rating 5.5 FLA/20.5LRA
	350°F	240	10	1.5	6	100,000	
	428°F	120	15	—	—	100,000	Requires ceramic switchcase; CSA rating is 400°F max calibration
	428°F	240	10	—	—	100,000	Requires ceramic switchcase; CSA rating is 400°F max calibration
	350°F	120	5	—	—	100,000	Conical contact

NOTE: UL Guide XAPX2, File E19279
CSA File LR77886 / LR109556
VDE License 118631
At thermostat end-of-life, the contacts may remain permanently closed or open.

Important Notice

User must determine the suitability of the control for their application, including the level of reliability required, and are solely responsible for the function of the end-use product.

These controls contain exposed electrical components and are not intended to withstand exposure to water or other environmental contaminants which can compromise insulating components. Such exposure may result in insulation breakdown and accompanying localized electrical heating.

A control may remain permanently closed or open as a result of exposure to excessive mechanical, electrical, thermal, or environmental conditions or at normal end-of-life. If failure of the control to operate could result in personal injury or property damage, the user should incorporate supplemental system control features to achieve the desired level of reliability and safety.

Inventory

Testco stocks the 36T thermal switch in open on rise and close on rise versions with terminals oriented 90 degrees from the mounting surface. The 36T thermal switch comes with surface mount flange mounting brackets. They are available in 5 degree C increments with +/- 5 degree tolerance and a 15 degree C reset differential.

Pricing

We can supply all configurations of the 36T thermal switch and other Thermodisc products when minimum order levels are met. Minimum order levels vary by product, typically 100 pieces and up. Testco offers customized stocking programs to meet your requirements.

Electronic Component Distribution

Typically Stocked Parts

Part Number	Description	Fahrenheit Temperature	Celsius Temperature	Nominal Differential
Normally Closed	Celsius Switch Temperature	**Tolerance +/- 9 Open & Close**	**Tolerance +/- 5 Open & Close**	
36T21 11894	0	32	0	15 degrees C
36T21 11777	10	50	10	15 degrees C
36T21 11782	35	95	35	15 degrees C
36T21 11784	45	113	45	15 degrees C
36T21 11785	50	122	50	15 degrees C
36T21 11787	60	140	60	15 degrees C
36T21 11788	65	149	65	15 degrees C
36T21 11789	70	158	70	15 degrees C
36T21 11790	75	167	75	15 degrees C
36T21 11791	80	176	80	15 degrees C
36T21 11792	85	185	85	15 degrees C
36T21 11793	90	194	90	15 degrees C
36T21 11794	95	203	95	15 degrees C
36T21 11797	110	230	110	15 degrees C
36T21 11798	115	239	115	15 degrees C
36T21 11799	120	248	120	15 degrees C
36T21 11804	145	293	145	15 degrees C
36T21 22286	175	347	175	35 degrees C
Normally Open				
36T22 11952	0	32	0	15 degrees C
36T22 11811	5	41	5	15 degrees C
36T22 11812	10	50	10	15 degrees C
36T22 11813	15	59	15	15 degrees C
36T22 11816	30	86	30	15 degrees C
36T22 11819	45	113	45	15 degrees C
36T22 11820	50	122	50	15 degrees C
36T22 11823	65	149	65	15 degrees C
36T22 11824	70	158	70	15 degrees C
36T22 11825	75	167	75	15 degrees C
36T22 11826	80	176	80	15 degrees C
36T22 11828	90	194	90	15 degrees C
36T22 11832	110	230	110	15 degrees C
36T22 11833	115	239	115	15 degrees C
36T22 11834	120	248	120	15 degrees C
36T22 11837	135	275	135	15 degrees C
36T22 11838	140	284	140	15 degrees C