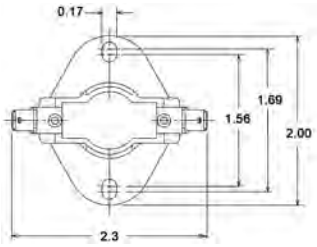
TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switches – Auto Reset (Large Flanged Airstream – 64T Two Pole)

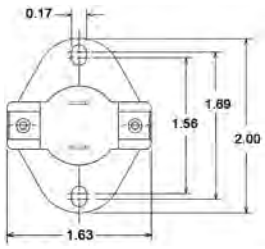
THERMODISC



PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-20045-06	64T	130	+/-5	90	+/-10	40	230	25	Red	Enclosed	DPST	Normally Closed	3/8
47-20045-02	64T	150	+/-5	110	+/-10	40	230	25	Red	Enclosed	DPST	Normally Closed	3/8
47-25261-14	64T	160	+/-5	130	+/-9	30	230	25	—	Enclosed	DPST	Normally Closed	3/8
47-25261-15	64T	170	+/-5	130	+/-9	40	230	25	—	Enclosed	DPST	Normally Closed	3/8
47-20045-03	64T	170	+/-5	130	+/-10	40	230	25	Red	Enclosed	DPST	Normally Closed	3/8
47-25261-13	64T	170	+/-5	140	+/-9	30	230	25	—	Enclosed	DPST	Normally Closed	3/8
42-25261-46	64T	180	+/-5	140	+/-9	40	230	25	—	Exposed	DPST	Normally Closed	3/8
47-25261-47	64T	190	+/-5	160	+/-9	30	230	25	—	Enclosed	DPST	Normally Closed	3/8

Limit Control Switches – Auto Reset (Large Flanged Airstream – 69T Heat Assisted)

THERMODISC



PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	HEATER WATTAGE	MOUNTING INSERTION DEPTH-MAX (IN)
47-22860-05	69T	100	+10/-0	90	+10/-0	10	230	25	Yellow	Exposed	SPST	Normally Closed	2	3/8
47-22860-01	69T	105	+10/-0	95	+10/-0	10	230	25	Red	Exposed	SPST	Normally Closed	1.5	3/8
47-22860-03	69T	105	+10/-0	95	+10/-0	10	230	25	Green	Exposed	SPST	Normally Closed	2	3/8
47-22860-06	69T	110	+10/-0	100	+10/-0	10	230	25	Purple	Exposed	SPST	Normally Closed	1	3/8
47-24261-01	69T	110	+10/-0	100	+10/-0	10	230	25	—	Exposed	SPST	Normally Closed	1.3/1.5	3/8
47-22860-02	69T	110	+10/-0	100	+10/-0	10	230	25	Blue	Exposed	SPST	Normally Closed	1.5	3/8
47-22860-04	69T	110	+10/-0	100	+10/-0	10	230	25	Orange	Exposed	SPST	Normally Closed	2	3/8

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switches – Auto Reset (Large Flanged Airstream – 74T Adjustable)

47-25115-06 also includes a bracket to adapt for surface mount applications

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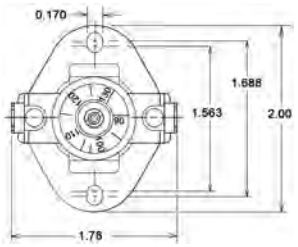

PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	CLOSE TEMPERATURE (°F)	NOMINAL TEMPERATURE DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-25114-01	74T	Close Temperature Setting minus 20	90 - 130 (110 Factory Setting)	20	230	25	Enclosed	SPST	Normally Open	3/8
47-25114-02	74T	Close Temperature Setting minus 20	140 - 180 (160 Factory Setting)	20	230	25	Enclosed	SPST	Normally Open	3/8
47-25115-01	74T	135 - 175 (155 Factory Setting)	Open Temperature Setting minus 20	20	230	25	Enclosed	SPST	Normally Closed	3/8
47-25115-02	74T	135 - 175 (155 Factory Setting)	Open Temperature Setting minus 40	40	230	25	Enclosed	SPST	Normally Closed	3/8
47-25115-03	74T	175 - 215 (195 Factory Setting)	Open Temperature Setting minus 40	40	230	25	Enclosed	SPST	Normally Closed	3/8
47-25115-04	74T	210 - 250 (230 Factory Setting)	Open Temperature Setting minus 40	40	230	25	Enclosed	SPST	Normally Closed	3/8
47-25115-05	74T	250 - 290 (270 Factory Setting)	Open Temperature Setting minus 40	40	230	25	Enclosed	SPST	Normally Closed	3/8
47-25115-06	74T	175 - 215 (195 Factory Setting)	Open Temperature Setting minus 40	40	230	25	Enclosed	SPST	Normally Closed	3/8

Limit Control Switches – Auto Reset (Large Flanged Airstream – 60T)

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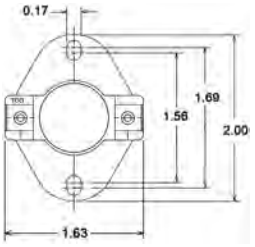

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-41569-01	60T	55	+/-5	65	+/-5	10	230	25	—	Enclosed	SPST	Normally Open	3/8
47-42244-01	60T	60	+/-6	70	+/-6	10	230	25	—	Enclosed	SPST	Normally Open	3/8
47-17359-23	60T	80	+/-3	70	+/-5	10	230	25	Green	Enclosed	SPST	Normally Closed	3/8
47-19554-34	60T	90	+/-3	80	+/-5	10	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-19554-42	60T	90	+/-5	125	+/-5	35	230	25	Green	Enclosed	SPST	Normally Open	3/8
47-17359-21	60T	95	+/-3	85	+/-5	10	230	25	Green	Enclosed	SPST	Normally Closed	3/8
47-19554-37	60T	100	+/-5	125	+/-5	25	230	25	Green	Enclosed	SPST	Normally Open	3/8
47-21663-10	60T	110	+/-5	90	+/-5	20	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-19554-40	60T	110	+/-5	100	+/-5	10	230	25	White	Enclosed	SPST	Normally Closed	3/8
47-21663-13	60T	110	+/-5	100	+/-5	10	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-19554-83	60T	110	+/-5	125	+/-5	15	230	25	Green	Enclosed	SPST	Normally Open	3/8
47-25116-03	60T	115	+/-5	130	+/-5	15	230	25	—	Enclosed	SPST	Normally Open	3/8
47-19554-39	60T	120	+/-5	100	+/-5	20	230	25	White	Enclosed	SPST	Normally Closed	3/8
47-21663-15	60T	120	+/-5	110	+/-5	10	230	25	Green	Exposed	SPST	Normally Closed	3/8

(continued on next page)

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switches – Auto Reset (Large Flanged Airstream – 60T Two Pole) CONTINUED

THERMODISC

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-21663-16	60T	125	+/-5	115	+/-5	10	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-21663-07	60T	130	+/-5	100	+/-5	30	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-21077-02	60T	130	+/-5	100	+/-6	30	230	25	Red	Enclosed	SPST	Normally Closed	25/32
47-19554-85	60T	140	+/-5	100	+/-10	40	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-25117-01	60T	140	+/-5	100	+/-7	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-25261-11	60T	140	+/-5	110	+/-9	30	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-21663-04	60T	140	+/-5	110	+/-6	30	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-25119-01	60T	140	+/-5	120	+/-5	20	230	25	—	Enclosed	SPDT	Normally Open Normally Closed	3/8
47-23610-09	60T	140	+/-5	120	+/-5	20	230	25	Tan	Enclosed	SPST	Normally Closed	25/32
47-21663-01	60T	140	+/-5	130	+/-5	10	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-17359-13	60T	140	+/-5	130	+/-5	10	230	25	Green	Enclosed	SPST	Normally Closed	3/8
47-21663-09	60T	150	+/-5	120	+/-5	30	230	25	Green	Exposed	SPST	Normally Closed	3/8
47-25270-20	60T	155	+/-5	115	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
47-19554-87	60T	160	+/-5	120	+/-8	40	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-19554-88	60T	160	+/-5	120	+/-8	40	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-25261-12	60T	160	+/-5	130	+/-9	30	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-23610-17	60T	160	+/-5	140	+/-5	20	230	25	Blue/White	Enclosed	SPST	Normally Closed	25/32
47-25270-21	60T	165	+/-5	125	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
47-23610-19	60T	165	+/-5	145	+/-5	20	230	25	Yellow/White	Enclosed	SPST	Normally Closed	25/32
47-25117-02	60T	170	+/-5	130	+/-7	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-25261-16	60T	170	+/-5	130	+/-9	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-23610-21	60T	175	+/-5	155	+/-5	20	230	25	Red/White	Enclosed	SPST	Normally Closed	25/32
47-23113-08	60T	180	+/-6	100	+/-8	80	230	25	Blue	Enclosed	SPST	Normally Closed	3/8
47-23113-02	60T	180	+/-6	100	+/-8	80	230	25	Blue	Enclosed	SPST	Normally Closed	3/8
47-19554-89	60T	180	+/-5	140	+/-8	40	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-25117-03	60T	180	+/-5	140	+/-7	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-23113-07	60T	180	+/-5	150	+/-6	30	230	25	Green	Enclosed	SPST	Normally Closed	3/8
47-23113-01	60T	180	+/-5	150	+/-6	30	230	25	Green	Enclosed	SPST	Normally Closed	3/8
47-23610-25	60T	185	+/-5	165	+/-5	20	230	25	Pink/White	Enclosed	SPST	Normally Closed	25/32
47-23113-10	60T	190	+/-6	110	+/-8	80	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-23113-05	60T	190	+/-6	110	+/-8	80	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-23113-03	60T	190	+/-5	150	+/-7	40	230	25	Yellow	Enclosed	SPST	Normally Closed	3/8
47-25117-04	60T	190	+/-5	150	+/-7	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-23610-27	60T	190	+/-5	170	+/-5	20	230	25	Orange/White	Enclosed	SPST	Normally Closed	25/32
47-23113-09	60T	200	+/-6	120	+/-8	80	230	25	White	Enclosed	SPST	Normally Closed	3/8
47-23113-04	60T	200	+/-6	120	+/-8	80	230	25	White	Enclosed	SPST	Normally Closed	3/8
47-19554-41	60T	200	+/-6	120	+/-8	80	230	25	White	Enclosed	SPST	Normally Closed	3/8
47-19554-45	60T	200	+/-5	160	+/-7	40	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-25117-05	60T	200	+/-5	160	+/-7	40	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-17359-30	60T	200	+/-5	180	+/-5	20	230	25	Red	Enclosed	SPST	Normally Closed	3/8
47-23610-23	60T	200	+/-5	180	+/-5	20	230	25	Gree/White	Enclosed	SPST	Normally Closed	25/32
47-23610-29	60T	210	+/-5	190	+/-5	20	230	25	Violet/White	Enclosed	SPST	Normally Closed	25/32
47-23113-06	60T	215	+/-7	135	+/-9	80	230	25	Orange	Enclosed	SPST	Normally Closed	3/8
47-23113-11	60T	215	+/-7	135	+/-9	80	230	25	Orange	Enclosed	SPST	Normally Closed	3/8

PROTECH

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switch – Auto Reset (Large Flanged Airstream – 36T)

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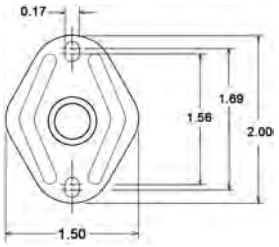
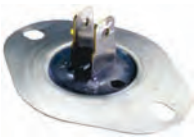


PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-25334-01	36T	145	+/-5	125	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16



Limit Control Switches – Auto Reset (Large Flanged Airstream – 44T Low Voltage)

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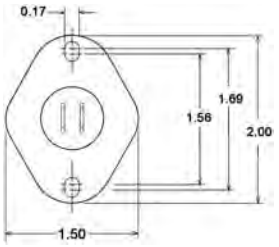

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-102436-04	44T	115	+/-8	95	+/-9	20	26	1	Red	Enclosed	SPST	Normally Closed	3/8
470015	44T	120	+/-8	100	+/-9	20	26	1	Yellow	Enclosed	SPST	Normally Closed	3/8
47-102436-01	44T	120	+/-8	100	+/-9	20	26	1	Yellow	Enclosed	SPST	Normally Closed	3/8
47-102436-03	44T	125	+/-8	105	+/-9	20	26	1	Blue	Enclosed	SPST	Normally Closed	3/8
47-102436-05	44T	135	+/-8	115	+/-9	20	26	1	Green	Enclosed	SPST	Normally Closed	3/8
47-102436-02	44T	145	+/-8	125	+/-9	20	26	1	Orange	Enclosed	SPST	Normally Closed	3/8
470018	44T	145	+/-8	125	+/-9	20	26	1	Orange	Enclosed	SPST	Normally Closed	3/8

Limit Control Switch – Flangeless – 60T)

THERMODISC

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
425056	60T	140	+/-5	100	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
425057	60T	140	+/-5	110	+/-10	40	230	25	—	Exposed	SPST	Normally Closed	3/8
425055	60T	145	+/-5	105	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
425054	60T	155	+/-5	105	+/-7	50	230	25	—	Exposed	SPST	Normally Closed	3/8
470004	60T	160	+/-5	120	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
425071	60T	165	+/-5	125	+/-7	40	230	25	—	Exposed	SPST	Normally Closed	3/8
425053	60T	170	+/-5	120	+/-7	50	230	25	—	Exposed	SPST	Normally Closed	3/8

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switches – Auto Reset (Small Flanged Airstream – 36T)

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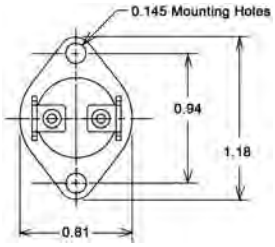

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)
47-23118-01	36T	85	+/-5	70	+/-6	15	120 / 230	15 / 10	—	Open	SPST	Normally Closed	3/16
47-24275-01	36T	145	+/-5	125	+/-5	20	120 / 230	15 / 10	—	Enclosed	SPST	Normally Closed	3/16

Limit Control Switches – Auto Reset (Board Mount 90 Degree Strap Angle – 36T)

THERMODISC

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)	MOUNTING BOARD DIM (IN)
47-21711-01	36T	100	+/-5	80	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-21711-20	36T	110	+/-5	95	+/-6	15	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-10	36T	120	+/-5	100	+/-7	20	120/230	15/10	Tan/Tan	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-25349-14	36T	130	+/-5	110	+/-7	20	120/230	15/10	Blue/Yellow	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-08	36T	130	+/-5	110	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-16	36T	135	+/-5	115	+/-7	20	120/230	15/10	Blue/Red	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-12	36T	135	+/-5	115	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-09	36T	140	+/-5	120	+/-7	20	120/230	15/10	Yellow/Black	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-25349-11	36T	145	+/-5	125	+/-7	20	120/230	15/10	Black/Red	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-102473-01	36T	150	+/-6	130	+/-9	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-25349-03	36T	150	+/-5	130	+/-7	20	120/230	15/10	Yellow/Yellow	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-19	36T	150	+/-5	130	+/-10	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-25349-01	36T	160	+/-5	140	+/-7	20	120/230	15/10	Red/Red	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-18	36T	160	+/-5	140	+/-10	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-21711-07	36T	160	+/-5	140	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-12	36T	165	+/-5	145	+/-7	20	120/230	15/10	Black/Green	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-06	36T	170	+/-5	150	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-25349-02	36T	170	+/-5	150	+/-7	20	120/230	15/10	Blue/Blue	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-102473-02	36T	170	+/-6	150	+/-9	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-21711-10	36T	170	+/-5	150	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-17	36T	175	+/-5	155	+/-7	20	120/230	15/10	Blue/Tan	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-25349-04	36T	180	+/-5	160	+/-7	20	120/230	15/10	Black/Black	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-11	36T	180	+/-5	160	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-15	36T	185	+/-5	165	+/-7	20	120/230	15/10	Brown/Orange	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-25349-13	36T	190	+/-5	170	+/-7	20	120/230	15/10	Yellow/Red	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-03	36T	190	+/-5	170	+/-8	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-102473-03	36T	190	+/-6	170	+/-9	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-21711-15	36T	190	+/-7	170	—	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-05	36T	200	+/-5	180	+/-7	20	120/230	15/10	Orange/Orange	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-04	36T	200	+/-5	180	+/-7	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-06	36T	210	+/-5	190	+/-7	20	120/230	15/10	Brown/Brown	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-16	36T	210	+/-7	190	—	20	120/230	15/10	—	Enclosed	SPST	Normally Closed	7	1-7/8 x 2-3/4
47-25349-07	36T	220	+/-5	200	+/-7	20	120/230	15/10	Green/Green	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16
47-21711-05	36T	230	+/-5	205	+/-8	25	120/230	15/10	—	Enclosed	SPST	Normally Closed	3	1-7/8 x 2-3/4
47-25349-08	36T	230	+/-5	210	+/-7	20	120/230	15/10	White/White	Enclosed	SPST	Normally Closed	3	1-5/8 x 1-7/16

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

THERMODISC

Limit Control Switches – Auto Reset (Board Mount 60 Degree Strap Angle – 36T)

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING INSERTION DEPTH-MAX (IN)	MOUNTING BOARD DIM (IN)
47-25350-04	36T	140	+/-5	120	+/-7	20	120/230	15/10	Black/Black	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-10	36T	150	+/-5	130	+/-7	20	120/230	15/10	Red/White	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-11	36T	155	+/-5	135	+/-7	20	120/230	15/10	Blue/White	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-05	36T	160	+/-5	140	+/-7	20	120/230	15/10	Orange/Orange	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-06	36T	170	+/-5	150	+/-7	20	120/230	15/10	Brown/Brown	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-07	36T	180	+/-5	160	+/-7	20	120/230	15/10	Green/Green	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-01	36T	190	+/-5	170	+/-7	20	120/230	15/10	Red/Red	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-12	36T	195	+/-5	175	+/-7	20	120/230	15/10	Green/Tan	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-09	36T	200	+/-5	180	+/-7	20	120/230	15/10	Tan/Tan	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-02	36T	210	+/-5	190	+/-7	20	120/230	15/10	Blue/Blue	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-24006-08	36T	220	+/-6	200	+/-8	20	120/230	15/10	White/White	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-08	36T	220	+/-5	200	+/-7	20	120/230	15/10	White/White	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16
47-25350-03	36T	230	+/-5	210	+/-7	20	120/230	15/10	Yellow/Yellow	Enclosed	SPST	Normally Closed	3	1-3/4 x 1-9/16

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Limit Control Switches – Auto Reset (Flangeless Surface Mount – 60T)

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT
47-23117-04	60T	75	+/-5	65	+/-6	10	230	25	White	Enclosed	SPST	Normally Closed
47-23117-01	60T	80	+/-3	70	+/-3	10	230	25	Gray	Enclosed	SPST	Normally Closed
47-23117-03	60T	85	+/-3	75	+/-3	10	230	25	Purple	Enclosed	SPST	Normally Closed

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Limit Control Switches/Defrost Sensors – Auto Reset (Tube Mount –14T / 37T)

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	DISC FACE	SWITCH TYPE	CONTACT ORIENT	MOUNTING
47-23683-02	37T	20	+/-5	30	+/-5	10	120/230	10/5	Enclosed	SPST	Normally Open	3/8 in. Tube
47-23683-04	37T	30	+/-5	40	+/-5	10	120/230	10/5	Enclosed	SPST	Normally Open	7/8 in. Tube
47-21777-05	37T	45	+/-5	28	+/-3	17	120/230	10/5	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-21777-10	N/A	50	+/-5	28	+/-3	22	—	—	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-21777-04	37T	50	+/-5	28	+/-3	22	120/230	10/5	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-23136-02	37T	70	+/-5	30	+/-5	40	120/230	10/5	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-23136-01	37T	70	+/-5	30	+/-5	40	120/230	10/5	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-21400-03	37T	101	+/-5	81	+/-5	80	120/230	10/5	Enclosed	SPST	Normally Closed	1/2 in. Tube
47-21400-01	37T	101	+/-5	81	+/-5	80	120/230	10/5	Enclosed	SPST	Normally Closed	3/8 in. Tube
47-21101-03	14T	221	+/-9	191	+/-5	30	120/230	25/25	Enclosed	SPST	Normally Closed	7/8 in. Tube
47-21101-04	37T	270	+/-9	190	+/-13	80	120/230	10/5	Enclosed	SPST	Normally Closed	7/8 in. Tube
47-21555-01	37T	285	+/-9	140	+/-20	145	120/230	10/5	Enclosed	SPST	Normally Closed	1/2 in. Tube

TEMPERATURE LIMIT CONTROL SWITCHES – AUTO RESET

Limit Control Switches – Auto Reset (Flanged Surface Mount – 14T)

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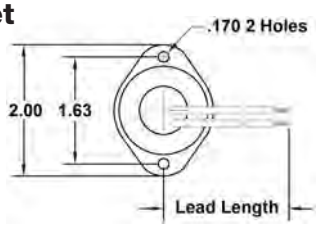

PART NO	TOD SWITCH SERIES	OPEN TEMP (°F)	TOLERANCE OPEN TEMP (°F)	CLOSE TEMP (°F)	TOLERANCE CLOSE TEMP (°F)	NOM TEMP DIFFERENCE	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENT
47-22971-01	14T	100	+/-6	50	+/-6	50	120 / 230	25 / 25	—	Enclosed	SPST	Normally Closed

TEMPERATURE LIMIT CONTROL SWITCHES – MANUAL RESET

Limit Control Switches – Manual Reset (Large Flanged Airstream – 60T)

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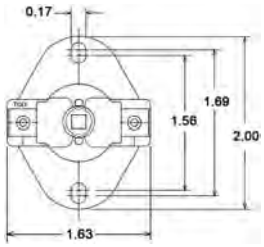

PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
47-21900-13	60T	150	+/-8	230	25	—	Exposed	SPST	Normally Closed	3/8
47-25118-01	60T	160	+/-5	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-21900-21	60T	170	+/-6	230	25	—	Exposed	SPST	Normally Closed	3/8
47-21900-06	60T	180	+/-5	230	25	—	Exposed	SPST	Normally Closed	3/8
47-25118-02	60T	200	+/-5	230	25	—	Enclosed	SPST	Normally Closed	3/8
47-21900-05	60T	200	+/-8	230	25	—	Exposed	SPST	Normally Closed	3/8
47-21900-04	60T	210	+/-6	230	25	—	Exposed	SPST	Normally Closed	3/8
47-21900-01	60T	230	+/-7	230	25	—	Exposed	SPST	Normally Closed	3/8
47-21900-16	60T	250	+/-6	230	25	—	Exposed	SPST	Normally Closed	3/8

Limit Control Switches – Manual Reset (Large Flanged Airstream – 36T)

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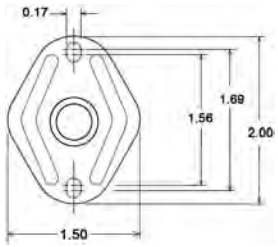
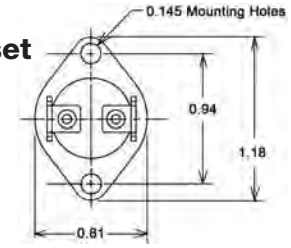


PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
47-22383-38	36T	190	+/-8	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16
47-22383-33	36T	230	+/-10	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16
47-22383-13	36T	260	+/-14	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16
47-22383-22	36T	290	+/-12	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16
47-22383-40	36T	300	+/-14	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16
47-22383-37	36T	340	+/-16	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/16

TEMPERATURE LIMIT CONTROL SWITCHES – MANUAL RESET

Limit Control Switches – Manual Reset (Small Flanged Airstream – 36T)



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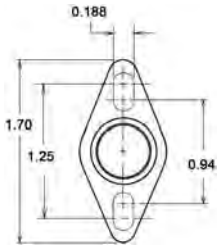
PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
47-22453-01	36T	130	+/-8	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/8
47-22453-02	36T	135	+/-8	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/8
47-22453-03	36T	160	+/-8	120/230	15/10	—	Enclosed	SPST	Normally Closed	3/8
47-22862-05	36T	190	+/-8	120/230	15/10	White	Enclosed	SPST	Normally Closed	3/16
47-22862-01	36T	220	+/10	120/230	15/10	Blue	Enclosed	SPST	Normally Closed	3/16
47-22862-06	36T	250	+/-12	120/230	15/10	Green	Enclosed	SPST	Normally Closed	3/16
47-22862-04	36T	260	+/-12	120/230	15/10	Orange	Enclosed	SPST	Normally Closed	3/16
47-22862-02	36T	280	+/-12	120/230	15/10	Silver	Enclosed	SPST	Normally Closed	3/16
47-22861-02	36T	300	+/-14	120/230	15/10	Blue	Exposed	SPST	Normally Closed	5/32
47-22861-01	36T	350	+/-16	120/230	15/10	—	Exposed	SPST	Normally Closed	5/32
47-100241-01	36T	400	+/-20	120/230	15/10	—	Enclosed	SPST	Normally Closed	5/32

Limit Control Switches – Manual Reset (Special Small Flanged Airstream – 36T)



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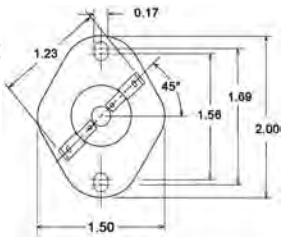
PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
47-22861-03	36T	250	+/-12	120/230	15/10	—	Exposed	SPST	Normally Closed	3/16

Limit Control Switches – Manual Reset (Flanged Surface Mount – 36T)



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PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION
47-22906-02	36T	190	+/-10	120/230	15/10	—	Enclosed	SPST	Normally Closed
47-22638-01	36T	200	+/-8	120/230	15/10	—	Enclosed	SPST	Normally Closed

TEMPERATURE LIMIT CONTROL SWITCHES – MANUAL RESET

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Limit Control Switch – Manual Reset (Flangeless Surface Mount – 60T)

PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	COLOR CODE	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION
47-22712-82	60T	310	+/-8	230	25	Red	Enclosed	SPST	Normally Closed

TEMPERATURE LIMIT CONTROL SWITCHES – NONRESETTABLE

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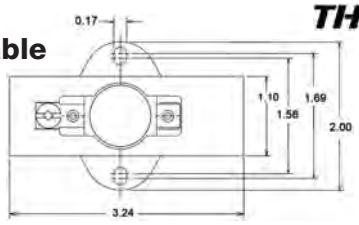
Limit Control Switches – Non-Resettable (Flanged Airstream – 61F)



PART NO	TOD SWITCH SERIES	OPEN TEMPERATURE (°F)	TOLERANCE OPEN TEMPERATURE (°F)	MAX VOLTAGE RATING (VAC)	MAX CURRENT RATING (A)	DISC FACE	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
470027	61F	225	+/-10	575	48	Enclosed	SPST	Normally Closed	3/8
47-41590-02	61F	300	+/-8	575	48	Enclosed	SPST	Normally Closed	3/8
47-41590-03	61F	325	+/-12	575	48	Enclosed	SPST	Normally Closed	3/8

TEMPERATURE LIMIT CONTROLS – FUSE LINKS

PART NO	VENDOR PART NO	TEMP RATING (°F)	RESISTIVE RATING AT 120V (A)	RESISTIVE RATING AT 230V (A)
44-20037-10	G4AM0602128C482454	257	15	10
442006	G5AM0602141C	285	25	21
44-20037-03	G4AM0600167C482643	333	15	10

BLOCKED VENT TEMPERATURE LIMIT CONTROL SWITCH

FIELD CONTROLS

Blocked Vent Temperature Limit Control Switch – Manual Reset

This device is recommended for installations with oil fired appliances that normally operates with vent systems under negative pressure.

- Detects blocked vent system by responding to hot flue gasses backing up through its heat transfer tube
- Can be wired to shut off the oil burner

PART NO	VENDOR	VENDOR PART NO	MAX VOLTAGE RATING (VAC)	MOTOR RATING @ 230V (FLA/LRA)	MOTOR RATING @ 120V (FLA/LRA)	SWITCH TYPE	CONTACT ORIENTATION	MOUNTING INSERTION DEPTH-MAX (IN)
47-102193-01	Field Controls	46483600 (WMO-1)	230	5/30	10/60	SPST	Normally Closed	3-1/2