



KLIXON® | 7BT2 Series

High Capacity, Environmentally Sealed Thermostats
-1°C to 204°C, SPST

FEATURES

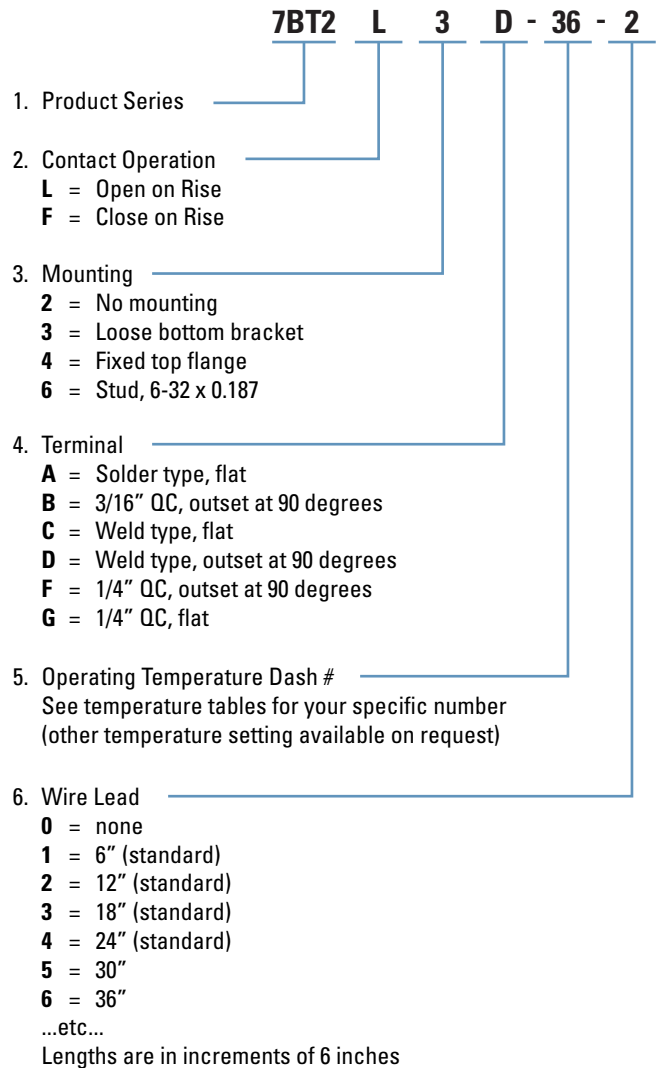
- Single Pole / Single Throw (SPST)
- Preset temperature set points, non-adjustable calibration
- High current capacity, environmentally sealed
- Max resistive load: 15 amps
- UL, Canadian-UL (UL File #34618), KEMA (ENEC, file #2018218.03)

INTRODUCTION

The Klixon® 7BT2 thermostat is a snap-acting disc type control designed to provide crisp, positive switching action. The bimetal disc and electrical contacts are enclosed in a stainless steel cup to provide protection from dust and other foreign particles. The 7BT2 is available in a variety of configurations, making it a versatile candidate for your thermal protection needs.

SPECIFICATIONS				
Contact Ratings (Resistive, Max Temp 400°F)	<i>Cycles</i>	<i>120 VAC</i>	<i>240VAC</i>	<i>30VDC</i>
	100,000	15.0A	7.5A	10A
Operating Temperature	-1°C to 204°C (30°F to 400°F)			
Dielectric Strength	2000 VAC, rms, 60 cycles for 1 minute, terminal to case			
Ambient Temperature Range	-29°C to 204°C (-20°F to +400°F)			

STANDARD PART NUMBER BUILDER



STANDARD TEMPERATURE SETTINGS

DASH #	OPERATING TEMPERATURE		DIFFERENTIAL		TOLERANCE	
	°C	°F	°C	°F	± °C	± °F
1	49	120	11	20	3	5
2	52	125	11	20	3	5
3	54	130	11	20	3	5
4	57	135	11	20	3	5
5	60	140	11	20	3	5
6	63	145	11	20	3	5
7	66	150	11	20	3	5
8	68	155	11	20	3	5
9	71	160	11	20	3	5
10	74	165	11	20	3	5
11	77	170	11	20	3	5
12	79	175	11	20	3	5
13	82	180	11	20	3	5
14	85	185	11	20	3	5
15	88	190	11	20	3	5
16	91	195	11	20	3	5
17	93	200	11	20	3	5
18	96	205	17	30	4.4	8
19	99	210	17	30	4.4	8
20	102	215	17	30	4.4	8
21	104	220	17	30	4.4	8
22	107	225	17	30	4.4	8
23	110	230	17	30	4.4	8
24	113	235	17	30	4.4	8
25	116	240	17	30	4.4	8
26	118	245	17	30	4.4	8

DASH #	OPERATING TEMPERATURE		DIFFERENTIAL		TOLERANCE	
	°C	°F	°C	°F	± °C	± °F
27	121	250	17	30	4.4	8
28	124	255	17	30	4.4	8
29	127	260	17	30	4.4	8
30	129	265	17	30	4.4	8
31	132	270	17	30	4.4	8
32	135	275	17	30	4.4	8
33	138	280	17	30	4.4	8
34	141	285	17	30	4.4	8
35	143	290	17	30	4.4	8
36	146	295	17	30	4.4	8
37	149	300	17	30	4.4	8
38	152	305	22	40	7	12
39	154	310	22	40	7	12
40	157	315	22	40	7	12
41	160	320	22	40	7	12
42	163	325	22	40	7	12
43	166	330	22	40	7	12
44	168	335	22	40	7	12
45	171	340	22	40	7	12
46	174	345	22	40	7	12
47	177	350	22	40	7	12
<p><i>For 30°F to 110°F and 360°F to 400°F, consult factory for a customer specific dash #</i></p>						