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Honeywell Sensing and Control



Redi-Temp Series 3100 SPST Hermetic Series



Redi-Temp is a line of standard thermostat products offered in a range of pre-set temperatures. These products are available standard for immediate delivery. Redi-Temp products are useful for low-volume applications where standard configurations are acceptable as well as for evaluating new designs and prototypes.

Applications

- Computers
- Medical Electronics
- Power Supplies
- Industrial Controls
- Test Equipment

Benefits

- Environmental Exposure: -62 °C to 288 °C [80 °F to 550 °F]
- UL Listings
- Single Contact (SPST)
- Pre-set and Tamperproof
- 100 % Thermally and Mechanically Inspected
- Laser Welded Hermetic Seal

Part Number Search

Search the Sensing and Control Interactive Catalog.

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→ Open On Rise Temp °F				
Open	Tol ±	Close	Tol ±	Catalog Listing
40	5	20	5	3100U-3-1431
50	5	30	5	3100U-3-1432
60	5	40	5	3100U-3-1433
70	5	50	5	3100U-3-1434
80	5	60	5	3100U-3-1435
90	5	70	5	3100U-3-1436
100	5	80	5	3100U-3-1437
110	5	90	5	3100U-3-1438
120	5	100	5	3100U-3-1439
130	5	110	5	3100U-3-1440
140	5	120	5	3100U-3-1441
150	5	130	5	3100U-3-1442
160	5	140	5	3100U-3-1443

170	5	150	5	3100U-3-1444
180	5	160	5	3100U-3-1445
190	5	170	5	3100U-3-1446
200	5	180	5	3100U-3-1447
210	8	185	6	3100U-3-1448
220	8	195	6	3100U-3-1449
230	8	205	6	3100U-3-1450
240	8	215	6	3100U-3-1451
250	8	225	6	3100U-3-1452

→ **Open On Rise Temp °C**

Open	Tol ±	Close	Tol ±	Catalog Listing
4	3	-7	3	3100U-3-1431
10	3	-1	3	3100U-3-1432
16	3	4	3	3100U-3-1433
21	3	10	3	3100U-3-1434
27	3	16	3	3100U-3-1435
32	3	21	3	3100U-3-1436
38	3	27	3	3100U-3-1437
43	3	32	3	3100U-3-1438
49	3	38	3	3100U-3-1439
54	3	43	3	3100U-3-1440
60	3	49	3	3100U-3-1441
66	3	54	3	3100U-3-1442
71	3	60	3	3100U-3-1443
77	3	66	3	3100U-3-1444
82	3	71	3	3100U-3-1445
88	3	77	3	3100U-3-1446
93	3	82	3	3100U-3-1447
99	5	85	4	3100U-3-1448
104	5	91	4	3100U-3-1449
110	5	96	4	3100U-3-1450
116	5	102	4	3100U-3-1451
121	5	107	4	3100U-3-1452

→ **Close On Rise Temp °F**

Open	Tol ±	Close	Tol ±	Catalog Listing
40	5	20	5	3100U-3-1453
50	5	30	5	3100U-3-1454
60	5	40	5	3100U-3-1455
80	5	60	5	3100U-3-1456
100	5	80	5	3100U-3-1457
120	5	100	5	3100U-3-1458
140	5	120	5	3100U-3-1459
160	5	140	5	3100U-3-1460
180	5	160	5	3100U-3-1461
200	5	180	5	3100U-3-1462
220	6	195	8	3100U-3-1463

→ **Close On Rise Temp °C**

Close	Tol ±	Open	Tol ±	Catalog Listing
4	3	-7	3	3100U-3-1453
10	3	-1	3	3100U-3-1454
16	3	4	3	3100U-3-1455
27	3	16	3	3100U-3-1456
38	3	27	3	3100U-3-1457
49	3	38	3	3100U-3-1458
60	3	49	3	3100U-3-1459
71	3	60	3	3100U-3-1460
82	3	71	3	3100U-3-1461
93	3	82	3	3100U-3-1462
104	4	91	5	3100U-3-1463

→ **Ratings-Resistive**

Life Cycles	30 Vac/dc	120 Vac	240 Vac
5,000	7.0 A	6.0 A	3.0 A
10,000	6.5 A	5.0 A	2.5 A
25,000	6.0 A	4.0 A	2.0 A
50,000	5.5 A	3.0 A	1.5 A
100,000	5.0 A	2.0 A	1.0 A

→ **U.L. Ratings**

Life Cycles	120 Vac	240 Vac
6,000	6.0 A	1.5 A
6,000	1/10 H.P.	
100,000	3.0 A	0.025 A