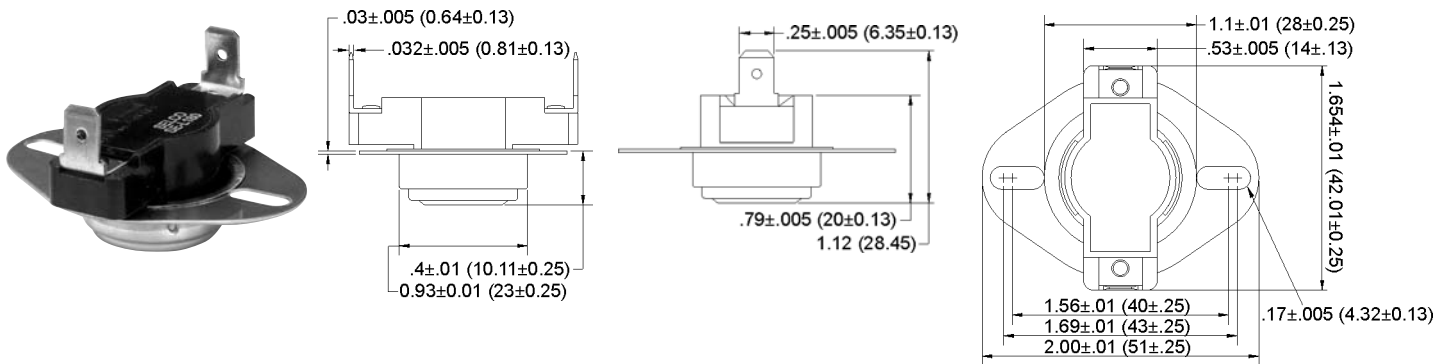


# 3/4" Disc Thermostats - Automatic Reset

## SE (T10) Series - Airstream Mount



### FEATURES

- 25 Amp capacity
- UL and CUL approved
- Factory calibrated to your specifications

### APPLICATIONS

- H.V.A.C.
- Major appliances
- Medical/Lab equipment
- Commercial food eqpt.

Selco's direct sensing thermostats are larger than our standard thermostats, giving them an even more powerful bimetallic disc and a higher electrical rating. They are ideal for use with heating and air conditioning systems as well as with industrial equipment. These models are designed for maximum airflow around the thermostat to give quick and accurate response.

These units feature a bimetallic, temperature-sensitive disc for snap-action in opening and closing the switch contacts. The bimetallic disc is thermally and electrically insulated from the electrical circuit, eliminating self-heating effects. Only the temperature of the controlled equipment causes the switch to actuate. Switch operation is rapid and positive due to the characteristics of the bimetallic disc and the wiping action of the current-carrying contacts. Contact chattering is virtually eliminated, as is false cycling and sparking. Exposed disc and single operation models available.

Models available from stock - subject to availability  
Fan Controls • SE-F - Close On-Rise (normally open)

| Model Number | Temperature Ranges |             |
|--------------|--------------------|-------------|
|              | Open °F            | Close °F    |
| SE-F060      | 40 $\pm$ 9         | 60 $\pm$ 5  |
| SE-F090      | 70 $\pm$ 9         | 90 $\pm$ 5  |
| SE-F100      | 100 $\pm$ 9        | 80 $\pm$ 5  |
| SE-F110      | 90 $\pm$ 9         | 110 $\pm$ 5 |
| SE-F120      | 100 $\pm$ 9        | 120 $\pm$ 5 |
| SE-F130      | 110 $\pm$ 9        | 130 $\pm$ 5 |
| SE-F140      | 120 $\pm$ 9        | 140 $\pm$ 5 |
| SE-F219H*    | 180 $\pm$ 9        | 219 $\pm$ 5 |

\* Horizontal terminals

### SPECIFICATIONS

|                                          |                                                                                                                                             |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical ratings</b>                | 120VAC, 240VAC, 25 Amps, Resistive, 60Hz<br>120VAC, 10FLA, 60LRA, 60Hz, Inductive<br>240VAC, 5FLA, 30LRA, 60Hz, Inductive<br>100,000 Cycles |
| <b>Temperature range (UL Models)</b>     | 33°F to 302°F (1°C to 150°C)                                                                                                                |
| <b>Temperature range (Non-UL Models)</b> | 302°F to 350°F (150°C to 177°C)                                                                                                             |
| <b>Differential</b>                      | 14°F to 100°F (8°C to 56°C) - SPST Models<br>27°F to 100°F (15°C to 56°C) - SPDT Models                                                     |
| <b>Dielectric strength</b>               | 1,500VAC/1 minute                                                                                                                           |
| <b>Approvals</b>                         | UL Recognized File No. E145478(S), XAPX2<br>C-UL Recognized File No. E145478, XAPX8                                                         |

Models available from stock - subject to availability  
Limit Controls • SE-L - Open On-Rise (normally closed)

| Model Number | Temperature Ranges |             |
|--------------|--------------------|-------------|
|              | Open °F            | Close °F    |
| SE-L120      | 120 $\pm$ 7        | 106 $\pm$ 9 |
| SE-L130      | 130 $\pm$ 7        | 115 $\pm$ 9 |
| SE-L135      | 135 $\pm$ 7        | 110 $\pm$ 9 |
| SE-L140      | 140 $\pm$ 7        | 100 $\pm$ 9 |
| SE-L145      | 145 $\pm$ 7        | 120 $\pm$ 9 |
| SE-L150      | 150 $\pm$ 7        | 110 $\pm$ 9 |
| SE-L150-A    | 150 $\pm$ 7        | 125 $\pm$ 9 |
| SE-L150-D    | 150 $\pm$ 7        | 130 $\pm$ 9 |
| SE-L160      | 160 $\pm$ 7        | 120 $\pm$ 9 |
| SE-L170      | 170 $\pm$ 7        | 130 $\pm$ 9 |
| SE-L175      | 175 $\pm$ 7        | 155 $\pm$ 9 |
| SE-L180      | 180 $\pm$ 7        | 150 $\pm$ 9 |
| SE-L180A     | 180 $\pm$ 7        | 140 $\pm$ 9 |
| SE-L190      | 190 $\pm$ 7        | 150 $\pm$ 9 |
| SE-L194H*    | 194 $\pm$ 7        | 180 $\pm$ 9 |
| SE-L200      | 200 $\pm$ 7        | 160 $\pm$ 9 |
| SE-L210      | 210 $\pm$ 7        | 170 $\pm$ 9 |
| SE-L230      | 230 $\pm$ 7        | 190 $\pm$ 9 |
| SE-L240      | 240 $\pm$ 7        | 215 $\pm$ 9 |
| SE-L250      | 250 $\pm$ 7        | 210 $\pm$ 9 |
| SE-L255      | 255 $\pm$ 7        | 230 $\pm$ 9 |
| SE-L300      | 300 $\pm$ 7        | 250 $\pm$ 9 |
| SE-L325      | 325 $\pm$ 7        | 275 $\pm$ 9 |
| SE-L350      | 350 $\pm$ 7        | 310 $\pm$ 9 |

\* Horizontal terminals

It is the customer's sole responsibility to specify and determine the suitability of a particular control or component based on their unique individual applications and requirements

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