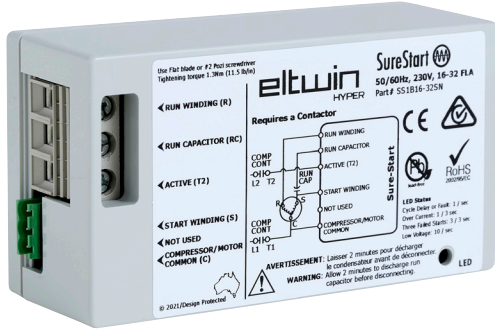


- Residential AC
- Commercial AC
- Marine
- RV



INSTRUCTION GUIDE SSxB SERIES / SINGLE PHASE

Parts List:

- 1 x SureStart Soft starter
- 1 x Brown Wire
- 1 x Red Lead
- 1 x Mounting Bracket
- 1 x Blue Wire
- 1 x Green Connector
- 1 x Black Wire
- 1 x Pack of two Ferrules

SureStart® 120/240V HVAC installation - SSxB Series:

This model SureStart® functions only as a soft starter, a contactor is still required. This model can be suitable for a wide range of applications. Some degree of care is needed to determine the correct wiring.

Caution & Warning:

- 1 All voltage to equipment **MUST** be disconnected before removing any devices.
- 2 Allow 2 minutes to discharge run capacitor before disconnecting.
- 3 Do not swap the Run & Start Windings.
- 4 Prior to installation, be sure all start capacitors & start relays, along with hard-starters and/or any other start-assist devices, are removed.
- 5 The start capacitor is built into the soft starter.
- 6 Loose terminals can lead to heating & subsequent damage to the soft starter. As per, UL508 standard, ensure below tightening torques.
- 7 OPENING OF THE SOFT STARTER UNIT WILL VOID THE WARRANTY!

LED Flash Codes:

Flash Code	Definition	Time to re-start attempt
Rapid Flash (10 / 1 sec)	Low Voltage	3 min
Triple Flash (3 / 3 secs)	Lockout on 3 failed starts	50 min
Slow Flash (1 / 3 secs)	Lockout on overcurrent	10 min
Steady Flash (1 / 1 sec)	Cycle delay / Faults	3 min

[NOTE: LED fault indicator remains off in normal running mode.]

Field Wiring Specifications:

Wire Range: 8 to 12 AWG Cu, stranded, for terminals (Run Winding (R) and Active(T2))

12 to 16 AWG Cu, stranded, for terminals (Run Capacitor (RC), Start Winding (S), and Compressor/Motor Common (C), these are supplied)

Tightening Torque: 11.5 LBS-IN LARGE TERMINALS, 4.5LBS-IN SMALL TERMINALS.

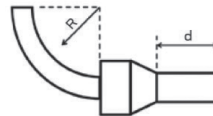
Field wiring conductors shall be rated 167°F [75°C]

Minimum end use enclosure size: 10" x 8" x 6"

• **CRIMP CORRECT SIZED FERRULES TO ENSURE PROPER TERMINATION**

• **INSERTION LENGTH OF FERRULE "D": 11 ± 1 MM (0.43 ± 0.04")**

• **CABLE BEND RADIUS "R" > 38MM (1.5") MINIMUM**



Sample Wiring Schematic

