

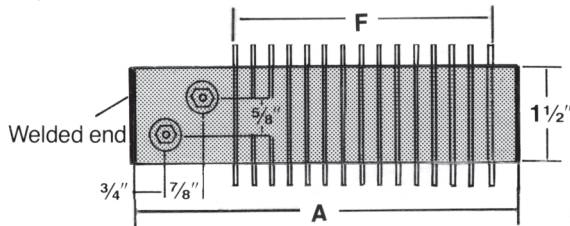


# Strip Heaters

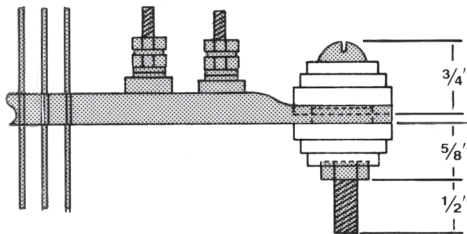
## Ceramic Insulated Finned

### Optional End Closures

**XS-54:** Blunt end. Welded each end with no mounting holes. May be used with Type OF or SSA terminals. Finned length ("F") is 3" longer.

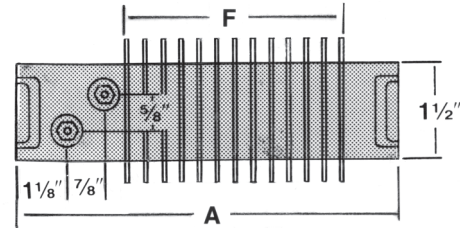


**XS-84:** Secondary insulating bushings. Required when units are connected in series on voltages above 300V. Sheath must be isolated. Requires enlarged ( $\frac{1}{2}$ " x  $\frac{3}{4}$ ") mounting hole each end. May be used with Type OF or SSA terminals.



**XS-83:** Short crimp. At each end with no mounting holes. May be used with Type OF or SSA terminals. Finned length ("F") is 1" longer.

**XS-85:** Stainless steel fins. For use in corrosive environments.



### Tolerances

**Length:** Up to 24",  $\pm\frac{1}{16}$ "  
24" and over,  $\pm\frac{1}{8}$ "

Wattage tolerances are held to +5%, -10% at rated voltage.

### How To Order

After determining the wattage required and the line voltage available, determine the physical space available for heaters and the number of heaters required. Review stock list for in-stock items. Review Special Features.

**Specify:** catalog number, wattage, voltage, terminal type, and special features if applicable.

### Strip Heaters: Special Features

**SF-11:** Lugs, rings, quick connect terminals attached to the end of lead wires. Specify terminal type and size when ordering. Special terminals are available.

**• Available on:**

Mica insulated strip and ceramic insulated strip and finned strip heaters with lead wires.

**SF-11A:** Ring terminals. Specify size: #6, #8, #10.



**SF-11B:** Straight quick connect terminals. Specify male or female and size:  $\frac{3}{16}$ " or  $\frac{1}{4}$ ".



**SF-11C:** Flag quick connect terminals. Specify mail or female and size:  $\frac{3}{16}$ " or  $\frac{1}{4}$ ".



**SF-11D:** Spade terminals. Specify size: #6, #8, #10.





**SF-12:** Male dead front armored plug.


**• Available on:**


Mica insulated and ceramic insulated strip and finned strip heaters with leads.


Ground wire (SF6) should be specified when using any 3 prong plug.

**SF12-P1:** 2 prong/straight blade/2 pole/2wire/  
UL&CSA Listed/NEMA 1-15P/125 volts/15 amps. 

**SF12-P2:** 2 prong/twist lock/2 pole/2 wire/UL Listed/  
NEMA L1-15P/125 volts/15 amps. 

**SF12-P3:** 3 prong/twist lock/2 pole/3 wire/  
UL&CSA Listed/NEMA L6-15P/250 volts/15 amps. 

**SF12-P4:** 3 prong/twist lock/2 pole/3 wire/  
UL &CSA Listed/NEMA L6-20/250 volts/20 amps. 

**SF12-P5:** 3 prong/straight blade/2 pole/3 wire/  
UL&CSA Listed/NEAMA 5-15P/125 volts/15 amps. 

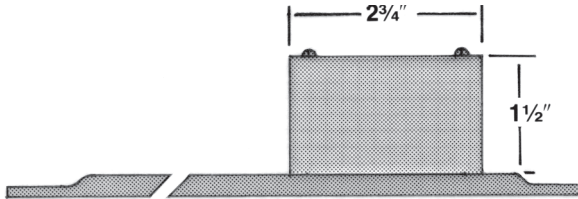


# Strip Heaters

## Special Features (Continued)

**SF-13:** Enclosures for protection of electrical connections.

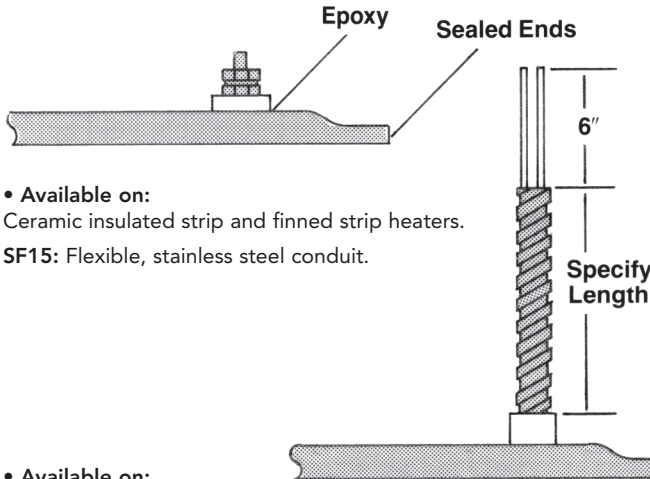
**SF-13A:** General purpose box. NEMA No. 1.  
2 3/4" x 1 1/2" x 1 1/2".



**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters.

**XS-34:** Epoxy potting and welded ends for moisture proof applications to 265°F in potting area.



**• Available on:**

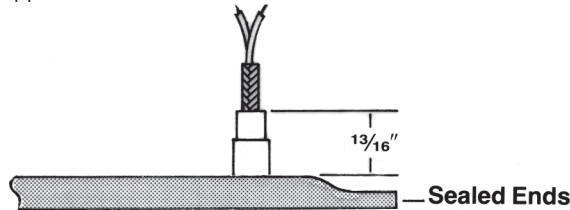
Ceramic insulated strip and finned strip heaters.

**SF15:** Flexible, stainless steel conduit.

**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters with leads.

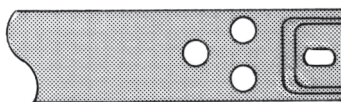
**SF23:** Ceramic to metal seals for hermetic sealing and vacuum applications to 1000°F.



**• Available on:**

Ceramic insulated strip and finned strip heaters with leads.

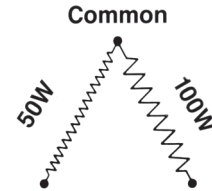
**SF28:** Three phase heaters.



**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters.

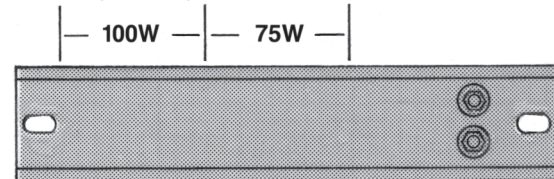
**SF29:** Multiple heat; when a single unit with multiple wattages is necessary. Some uses of these units include: quick heat-up with a standby circuit for maintenance of low temperature; providing different wattages when there is a wide variation in thermal loads; and replacing more expensive rheostats or powerstats for wattage control.



**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters. 1 1/2" wide and wider.

**SF30:** Special wattage distribution for units requiring different concentrations of wattage over their heated length. Specify distribution required in terms of percentage of wattage over a percentage of length.



**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters.

**SF37:** Stainless steel sheath.

**• Standard on:**

Ceramic insulated strip and finned strip heaters.

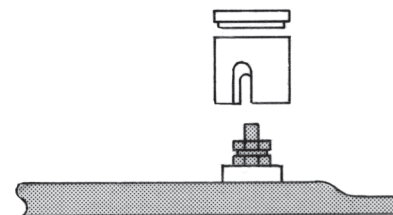
**• Available on:**

All mica insulated strip heaters.

**• Available on:**

Finned strip heaters.

**XS-86:** Ceramic terminal covers: with Type OF or SO terminals only.



**• Available on:**

Mica insulated strip, ceramic insulated strip and finned strip heaters. 1 1/2" wide and wider.

**XS-87:** Mica heater. Mica insulation only. Unit has no metal outer sheath.