

CERAMIC STRIP HEATERS

Features & Benefits

- ▶ High-temperature, contamination resistant stainless steel sheath
- ▶ Operating temperatures up to 1200° F (649° C)
- ▶ Chromium resistance wire within ceramic core
- ▶ Magnesium oxide filled sheath for maximum heat transfer
- ▶ High-watt density of 75 watts per linear inch
- ▶ Includes standard mounting slots

Specifications

Voltage: 120 or 240 VAC, custom options up to 480 VAC

Power Density: 75 watts per linear inch for one side

Maximum Amperage: 20 with terminals; 12 with leads

Wattage Tolerance: +5%/-10%

Width: 1-1/2 in (38 mm)

Thickness: 3/8 in (10 mm) standard; 5/16 in (8 mm) custom option

Length: 72 in (1829 mm) maximum

Power Connections: 10-24 weld stud posts

Mounting Tabs: 5/16 in x 1/2 in; center to center = OAL-3/4 in (19 mm)

Customize Your Ceramic Strip Heater

Voltage: Up to 480 VAC; dual voltage, 3-phase

Wattage: Distributed wattage; 120 watts per linear inch for 2-sided heating

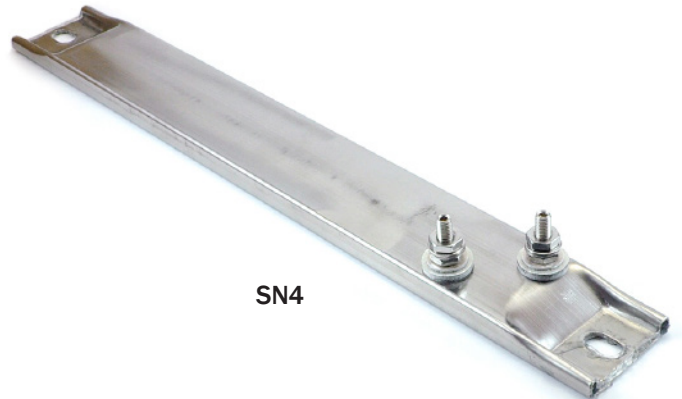
Lead Wires: 14-18 gauge fiberglass with optional stainless steel braid or flexible conduit protection

Other Options: Without mounting tabs, built-in thermocouple, terminal box or ceramic covers for protection, additional holes or cutouts

Note: Heater must be mounted on a flat surface with heated section flush against the surface. Heat-conductive putty (HCP1) can be used to fill small gaps. A temperature controller is required.



SN3



SN4



SN1



SB1

CERAMIC STRIP HEATERS**Heater Styles**

Termination	Description
SN1	Terminals parallel to width
SN2	Terminals parallel to length
SN3	One terminal each end
SN4	Terminals offset one end
SL1	Split leads one end
SB1	Leads one end with braid
SL4	Split leads one end-top
SB4	Leads one end on top with braid
SC4	Leads one end on top with flex conduit

Heater with Tabs*

Termination	Unheated Left End	Unheated Right End	Heated = OAL -
SN1	2-3/8 in	1-1/4 in	3-5/8 in
SN2	3-1/8 in	1-1/4 in	4-3/8 in
SN3	2-3/8 in	2-3/8 in	4-3/4 in
SN4	3-1/8 in	1-1/4 in	4-3/8 in
SL1	-	-	-
SB1	-	-	-
SL4	2-3/8 in	1-1/4 in	3-5/8 in
SB4	2-3/8 in	1-1/4 in	3-5/8 in
SC4	2-3/8 in	1-1/4 in	3-5/8 in

Heater without Tabs*

Termination	Unheated Left End	Unheated Right End	Heated = OAL -
SN1	1-1/2 in	1/4 in	1-3/4 in
SN2	2-1/4 in	1/4 in	2-1/2 in
SN3	1-1/2 in	1-1/2 in	3 in
SN4	2-1/4 in	1/4 in	2-1/2 in
SL1	-	-	-
SB1	-	-	-
SL4	3/4 in	1/4 in	1 in
SB4	3/4 in	1/4 in	1 in
SC4	3/4 in	1/4 in	1 in

*Leads or Terminals on left end.

Ordering Information

Part No.	Length in (mm)	Volts	Watts	Termination
CST37-060E	6 (152)	120	150	SN1
CST37-060F	6 (152)	240	150	SN1
CST37-075A	7.5 (191)	120	150	SN4
CST37-075B	7.5 (191)	240	200	SN4
CST37-080C	8 (203)	120	150	SN4
CST37-080D	8 (203)	240	150	SN4
CST37-080E	8 (203)	120	250	SN4
CST37-080F	8 (203)	240	250	SN4
CST37-080G	8 (203)	120	150	SN3
CST37-105E	10.5 (267)	120	250	SN4
CST37-105F	10.5 (267)	240	250	SN4
CST37-105G	10.5 (267)	120	400	SN4
CST37-105H	10.5 (267)	240	400	SN4
CST37-120H	12 (305)	120	350	SN4
CST37-120J	12 (305)	240	350	SN4
CST37-120K	12 (305)	120	500	SN4
CST37-120L	12 (305)	240	500	SN4
CST37-120M	12 (305)	240	250	SN3
CST37-120N	12 (305)	240	500	SN3
CST37-140J	14 (356)	120	300	SN4
CST37-140K	14 (356)	240	300	SN4
CST37-140L	14 (356)	120	500	SN4
CST37-140M	14 (356)	240	500	SN4
CST37-152A	15.25 (387)	240	500	SN4
CST37-178C	17.87 (454)	120	375	SN4
CST37-178D	17.87 (454)	120	500	SN4
CST37-178E	17.87 (454)	240	500	SN4
CST37-178F	17.87 (454)	120	750	SN4

Ordering Information (Continued)

Part No.	Length in (mm)	Volts	Watts	Termination
CST37-178G	17.87 (454)	240	750	SN4
CST37-195A	19.5 (495)	240	500	SN4
CST37-195B	19.5 (495)	240	750	SN4
CST37-210A	21 (533)	240	500	SN4
CST37-210B	21 (533)	240	750	SN4
CST37-237B	23.75 (603)	120	500	SN4
CST37-237C	23.75 (603)	240	500	SN4
CST37-237D	23.75 (603)	240	750	SN4
CST37-237E	23.75 (603)	120	1000	SN4
CST37-237F	23.75 (603)	240	1000	SN4
CST37-237G	23.75 (603)	240	750	SN3
CST37-255C	25.5 (648)	120	500	SN4
CST37-255D	25.5 (648)	240	500	SN4
CST37-255F	25.5 (648)	240	750	SN4
CST37-255G	25.5 (648)	240	1000	SN4
CST37-267D	26.75 (679)	240	700	SN4
CST37-267F	26.75 (679)	240	1000	SN4
CST37-305D	30.5 (775)	240	750	SN4
CST37-305F	30.5 (775)	240	750	SN3
CST37-335C	33.5 (851)	240	750	SN4
CST37-358B	35.87 (911)	240	1000	SN4
CST37-358C	35.87 (911)	240	1500	SN4
CST37-358D	35.87 (911)	240	1000	SN3
CST37-385D	38.5 (978)	240	1500	SN4
CST37-425C	42.5 (1080)	240	1500	SN4
CST37-478A	47.87 (1216)	240	2250	SN4