



2 Leg SCR Panel with External Heat Sinks Type SCR P

Applications:

Designed to fulfill the control requirements of most process heating applications.

Standard Features:

Heavy gauge gasketed enclosure finished in grey Epoxy
Integral "Dead Front" switch
"Off-On" Control Power selector switch
"Power-On" pilot light
Illuminated reset button
Digital indicating electronic temperature controller Circuit breaker with mechanism
Control transformer with fused primary lines and fused/grounded secondary lines
"Zero Fire" type SCR assembly with external cooling, Three pole safety magnetic contactor(s)
Electronic over-temperature controller
Fast acting fuses for circuit protection
Terminal strips for customer connections



Standard Enclosures

- Nema 12** Gasketed enclosure suitable for most indoor industrial applications. Enclosure is finished with factory applied and baked acrylic resin.
- Nema 4** Gasketed enclosure with stainless steel hardware suitable for most outdoor non-hazardous industrial applications. Enclosure is finished with factory applied and baked acrylic resin.
- Nema 7** Aluminum Cast and machined enclosure rated for Hazardous Locations - Class 1, Group D, Div. 1 and 2. Contact Gaumer Company Inc. for other locations.

Standard Options

-3	304SS Enclosure	-H	Heater Run Status
-6	316SS Enclosure	-L	Light and Convenience Outlet Package
-A	Amp Meter with Phase Selector Switch	-P	PLC Controller
-C	Common Alarm Output	-R	Process Variable Retransmission
-E	Remote Enable	-S	Remote Safety Shutdown
-F	Flanged Disconnect	-V	Volt Meter with Phase Selector Switch
-G	Ground Fault Relay with Status Output	-W	Watt Meter

2 Leg SCR Panel with External Heat Sinks

Nema 12 Control Panels

<u>Part Number</u>	<u>Volts</u>	<u>Amps</u>	<u>Circuits</u>	<u>Panel Size</u>	<u>Disconnect Amps</u>	<u>Max kW</u>
SCR12-480-16A-1C	480	16	1	24X20X10	20	16
SCR12-480-24A-1C	480	24	1	24X20X10	30	24
SCR12-480-32A-1C	480	32	1	24X20X10	40	32
SCR12-480-40A-1C	480	40	1	24X20X10	60	40
SCR12-480-48A-1C	480	48	1	24X20X10	60	48
SCR12-480-64A-2C	480	64	2	24X24X10	80	64
SCR12-480-80A-2C	480	80	2	24X24X10	100	80
SCR12-480-96A-2C	480	96	2	24X24X10	125	96
SCR12-480-96A-3C	480	96	3	36X30X12	125	96
SCR12-480-120A-3C	480	120	3	36X30X12	125	120
SCR12-480-144A-3C	480	144	3	36X30X12	200	144
SCR12-480-128A-4C	480	128	4	36X30X12	200	128
SCR12-480-160A-4C	480	160	4	36X30X12	200	160
SCR12-480-192A-4C	480	192	4	36X30X12	250	192
SCR12-480-160A-5C	480	160	5	48X36X16	250	160
SCR12-480-200A-5C	480	200	5	48X36X16	250	200
SCR12-480-240A-5C	480	240	5	48X36X16	300	240
SCR12-480-192A-6C	480	192	6	48X36X16	250	192
SCR12-480-240A-6C	480	240	6	48X36X16	300	240
SCR12-480-288A-6C	480	288	6	48X36X16	400	288

Nema 4 Control Panels

<u>Part Number</u>	<u>Volts</u>	<u>Amps</u>	<u>Circuits</u>	<u>Panel Size</u>	<u>Disconnect Amps</u>	<u>Max kW</u>
SCR4-480-16A-1C	480	16	1	24X20X10	20	16
SCR4-480-24A-1C	480	24	1	24X20X10	30	24
SCR4-480-32A-1C	480	32	1	24X20X10	40	32
SCR4-480-40A-1C	480	40	1	24X20X10	60	40
SCR4-480-48A-1C	480	48	1	24X20X10	60	48
SCR4-480-64A-2C	480	64	2	24X24X10	80	64
SCR4-480-80A-2C	480	80	2	24X24X10	100	80
SCR4-480-96A-2C	480	96	2	24X24X10	125	96
SCR4-480-96A-3C	480	96	3	36X30X12	125	96
SCR4-480-120A-3C	480	120	3	36X30X12	125	120
SCR4-480-144A-3C	480	144	3	36X30X12	200	144
SCR4-480-128A-4C	480	128	4	36X30X12	200	128
SCR4-480-160A-4C	480	160	4	36X30X12	200	160
SCR4-480-192A-4C	480	192	4	36X30X12	250	192
SCR4-480-160A-5C	480	160	5	48X36X16	250	160
SCR4-480-200A-5C	480	200	5	48X36X16	250	200
SCR4-480-240A-5C	480	240	5	48X36X16	300	240
SCR4-480-192A-6C	480	192	6	48X36X16	250	192
SCR4-480-240A-6C	480	240	6	48X36X16	300	240
SCR4-480-288A-6C	480	288	6	48X36X16	400	288

Nema 7 Control Panels

<u>Part Number</u>	<u>Volts</u>	<u>Amps</u>	<u>Circuits</u>	<u>Panel Size</u>	<u>Disconnect Amps</u>	<u>Max kW</u>
SCR7-480-16A-1C	480	16	1	12X18X08	20	16
SCR7-480-24A-1C	480	24	1	12X18X08	30	24
SCR7-480-30A-1C	480	30	1	12X18X08	40	30
SCR7-480-60A-2C	480	60	2	18X18X08	80	60
SCR7-480-90A-3C	480	90	3	24X24X10	125	90
SCR7-480-120A-4C	480	120	4	24X36X10	200	120
SCR7-480-150A-5C	480	150	5	TBD	250	150
SCR7-480-180A-6C	480	180	6	TBD	250	180
SCR7-480-210A-7C	480	210	7	TBD	300	210
SCR7-480-240A-8C	480	240	8	TBD	400	240