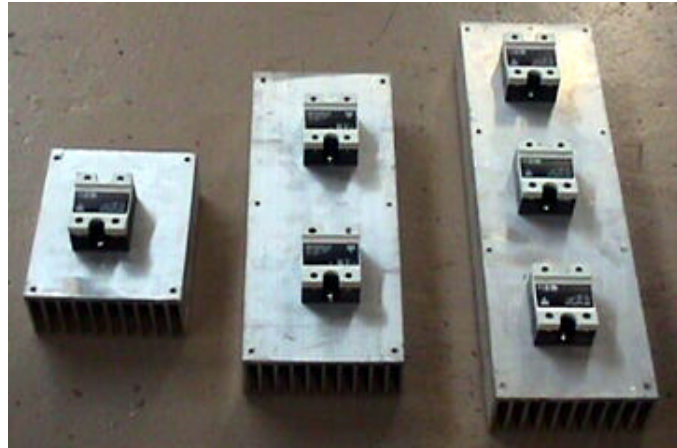


Solid State Relay Assemblies

Type HS - With External Cooling

APPLICATIONS

Performs switching of loads on and off where either the thermostat contacts are not sufficient capacity or where three (3) phase power is being utilized. Since the contacts have no moving parts the cycle life is indefinite. When used with modulating controls it can make possible modulating output with extended life. Three phase resistive loads can be controlled by the use of one two (2) pole assembly. A three (3) pole model is available if preferred in this application.



STANDARD FEATURES

Features zero switching with antiparallel thyristor output. This relay can be used for resistive loads to 48 Amperes. It can also be used for inductive and capacitive loads (contact Gaumer Process). The built in varistor secures transient protection for heavy industrial applications and the LED indicates the status of the control input. Heat generated from SSR is rejected in external heat sink which was custom designed specifically for this application. Integrity of Nema 12, Nema 4, and Nema 4X remain intact.

MOUNTING

The assembly is designed to be mounted thru the sidewall of an electrical enclosure. Unit is complete with installation instructions including mounting template, weatherproof gasket, and all necessary mounting hardware. Tools needed for installation include 3/16 inch drill bit and 3 inch hole punch. For the controlling of large loads multiple assemblies can be mounted adjacent to each other in the same enclosure.

Gaumer Catalog No.	Description	Qty. Poles	Output Rating	Input Rating	Heat Sink Dim. H"xW"xD"	Wt (lbs.)
HS1L48D100	Complete Asssembly	1	48 Amps	4.5-32 VDC	6"H x 5"W x 2-1/4"D	2
HS2L48D100	Complete Asssembly	2	48 Amps	4.5-32 VDC	12"H x 5"W x 2-1/4"D	4
HS3L48D100	Complete Asssembly	3	48 Amps	4.5-32 VDC	16"H x 5"W x 2-1/4"D	6
HS1L48A100	Complete Asssembly	1	48 Amps	24-265 VAC	6"H x 5"W x 2-1/4"D	2
HS2L48A100	Complete Asssembly	2	48 Amps	24-265 VAC	12"H x 5"W x 2-1/4"D	4
HS3L48A100	Complete Asssembly	3	48 Amps	24-265 VAC	16"H x 5"W x 2-1/4"D	6
HS1L	Heat Sink Only	1	NA	NA	6"H x 5"W x 2-1/4"D	2
HS2L	Heat Sink Only	2	NA	NA	12"H x 5"W x 2-1/4"D	4
HS3L	Heat Sink Only	3	NA	NA	16"H x 5"W x 2-1/4"D	6
SSRL48D100	Solid State Relay Only	1	48 Amps	4.5-32 VDC	none	1
SSRL48A100	Solid State Relay Only	1	48 Amps	24-265 VAC	none	1