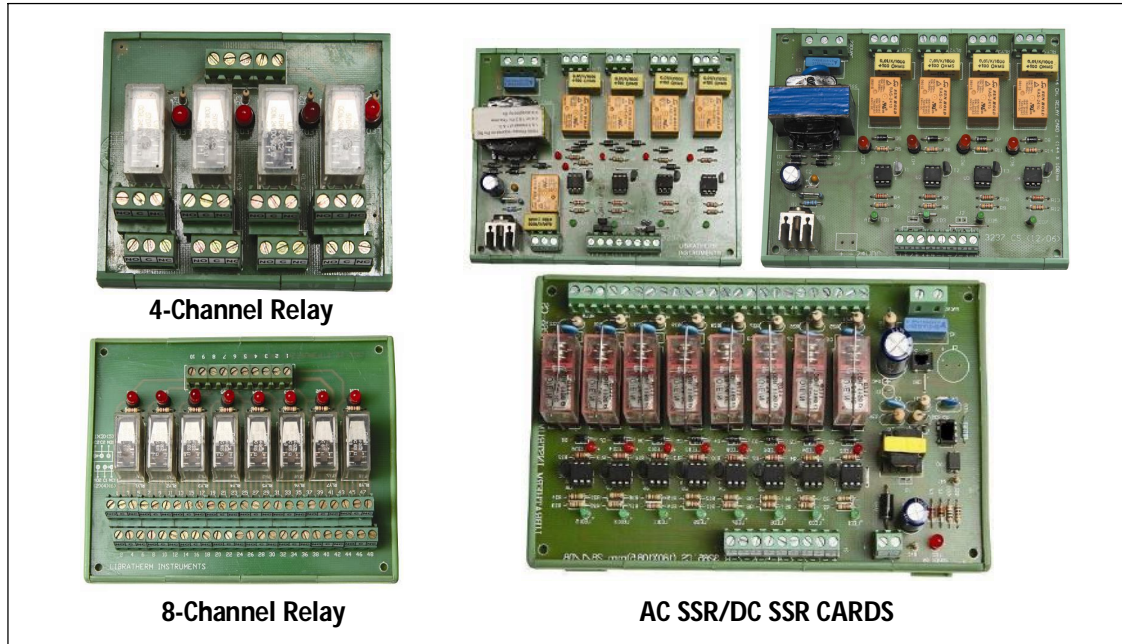


## Relay/AC SSR/DC SSR Cards (Product Code 25.5)



### Description:

Libratherm offers four and eight channel Relay Cards. These cards are mainly designed for interfacing low level switching signal outputs coming from PLC or Process Controller to the external AC/DC operated switching devices (like contactors, solenoid valves, lamps, motors etc. in industrial automation control application). Various types of such cards are available viz. Single changeover contact card (1 C/O) two changeover contact card (2 c/o) operating on 12 or 24 VDC supply.

Libratherm also offers AC and DC solid-state relay cards (using Triacs and Bipolar Transistors) for 4 or 8 channel controls. AC solid-state relay card accepts DC controls signal of (0-5) VDC or (0-10) VDC and can switch any single-phase AC load rated at 5A @ 230VAC. DC solid-state relay cards also accept (0-5) or (0-10) VDC control signal and can switch the DC load of 5A @ 24VDC (max). The AC solid-state relay cards are useful for fast switching (less than 1 second switching time) of AC loads. The LED indication for each input / output is also provided on the card all the relay cards can be mounted on the plane surface or can be mounted on universal DIN size rails.

## Technical Specification:

	Relay Card	AC Solid State Relay Card	DC Solid State Relay Card
<b>Model</b>	RLY-8	SSR-8/AC	SSR-8/DC
<b>Control Input Pulse or Level</b>	5 to 24 VDC	5 to 24 VDC	5 to 24 VDC
<b>No. Of Outputs</b>	4, 6 or 8	4, 6 or 8	4, 6 or 8
<b>Output type Opto isolated from the Input</b>	1 C/O or 2 C/O contacts rated for 5A @ 230VAC and 24VDC.	0 VAC (OFF state) and AC Line Voltage (ON state) rated for max. 10A@230VAC	0 VAC (OFF state) and DC Supply Voltage (ON state) rated for max. 5A @ 24VDC
<b>Output Operating Voltage</b>	12 or 24 VDC for relay coil	230 VAC or 110 VAC for external AC load	12 or 24 VDC for open collector output
<b>Mounting</b>	DIN rail or surface	DIN rail or surface	DIN rail or surface
<b>Size</b>	As per standard	As per standard	As per standard

User should specify whether the input is active low or high. In other words, when the input signal is High the Output should be On or when the input signal is Low the output should be On.

## Ordering Information: (Relay Card)

Sr.No	Model	Product Description
25.4.2.1	RLY-4/1L	4 channel single c/o relay card with active low input
25.4.2.2	RLY-4/1H	4 channel single c/o relay card with active high input
25.4.2.3	RLY-8/1L	8 channel single c/o relay card with active low input
25.4.2.4	RLY-8/1H	8 channel single c/o relay card with active high input
25.4.2.5	RLY-4/2L	4 channel two c/o relay card with active low input
25.4.2.6	RLY-4/2H	4 channel two c/o relay card with active high input
25.4.2.7	RLY-8/2L	8 channel two c/o relay card with active low input
25.4.2.8	RLY-8/2H	8 channel two c/o relay card with active high input

## Ordering Information For:

### (DC to AC Solid State Relay Card)

Sr.No.	Model	Product Description
25.4.2.9	SSR-2/AC	2 channel AC SSR card
25.4.2.10	SSR-4/AC	4 channel AC SSR card
25.4.2.11	SSR-6/AC	6 channel AC SSR card
25.4.2.12	SSR-8/AC	8 channel AC SSR card

### (DC to DC Solid State Relay Card)

Sr.No.	Model	Product Description
25.4.2.13	SSR-2/DC	2 channel DC SSR card
25.4.2.14	SSR-4/DC	4 channel DC SSR card
25.4.2.15	SSR-6/DC	6 channel DC SSR card
25.4.2.16	SSR-8/DC	8 channel DC SSR card

**To order specify the required code, for example for 8 channel AC SSR card, specify the code as 25.4.2.12.**