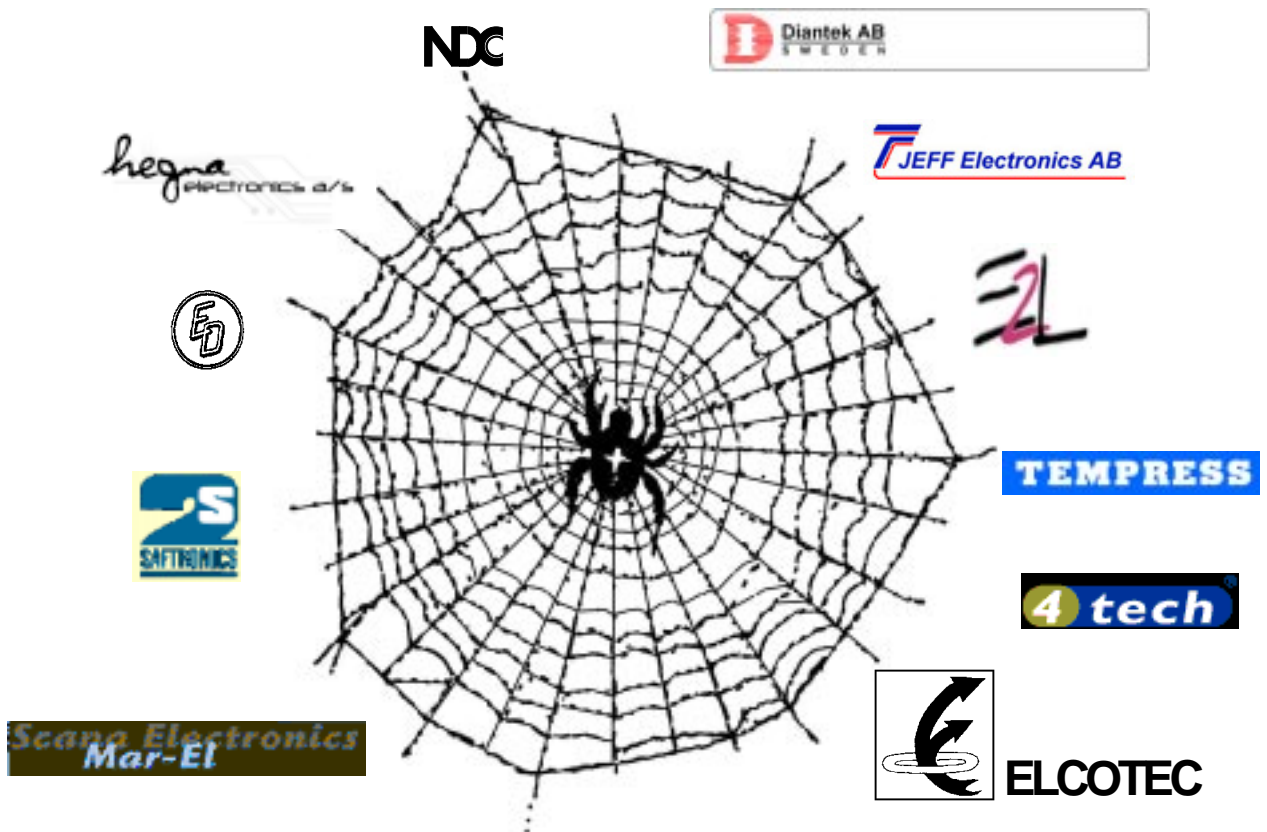


# IMSAB COMPONENT GUIDE for industry and shipping



## RELAY CIRCUIT BOARD LH RF 110VDC



# RELAY CIRCUIT BOARD LH RF 110

Interface between alarm system type LH 10 and computer or remote alarm

### ADVANTAGES AND OPERATION

LH RF is designed to be used with the alarm panel LH 10, which is provided with a special output for this interface card. When a fault contact for any alarm channels activates, the relay card activates a change-over relay according to this channel. This relay is activated as long as the sensor/s is/are in the fault position.

### SECURITY

LH RF is constructed for monitoring systems in tough environments. As with all NDC-products LLC RF is fitted with various protection devices against wrong electric connection and electric interference. The panel is powered directly from the AC supply, without requiring stabilization. Normally the relay card completes existing alarm system, and operates independently of them. This function give a "double security". LH RF can be connected with normally activated output relays and they will be deactivated when the connected channel is in the alarm position or when the card(s) run(s) out of power.

The unit is in accordance with CE-standards: EN 50 082-2; IEC 801-2:1991; ENV 50 140; ENV 50 141; IEC 801-4

### INSTALLATION

The relay card is simply fastened with distance and screws beside the LH 10. The card should be connected parallell to the panel terminal block for the sensorer or in the cabinet. Output from the relay card is connected on jackable terminals. This means that you can disconnect the card in less than minute.

### SPECIFICATION

Supply voltage: 110V DC  $\pm$  20%; 0,25A

Output contacts: 10 potential free change-over relays, with the contacts rated max 1A, 110V/20W AC, 30VA.

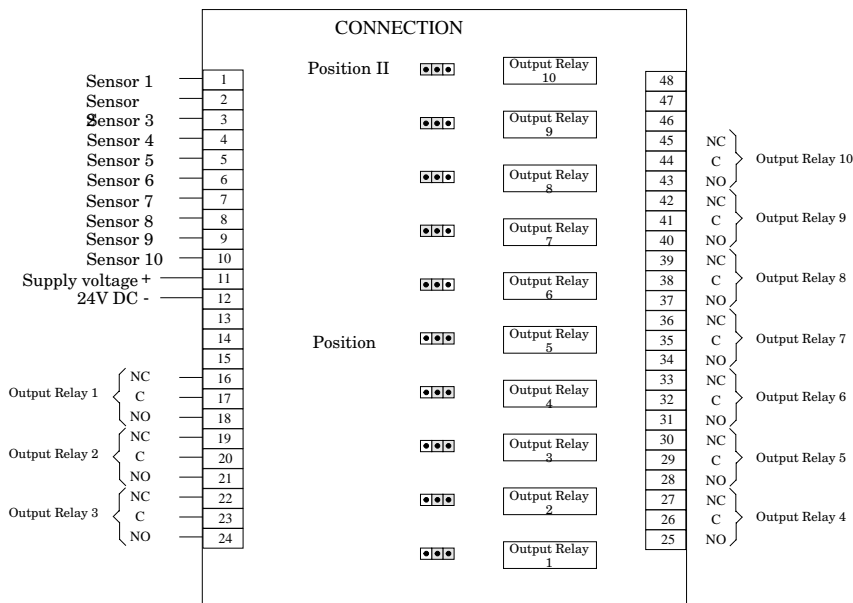
Main dimension: 156x126x20 mm

### ORDERING INSTRUCTIONS

1022 LH RF



- 10 channel change-over relay circuit board with signal contacts
- Certificated in CE-standards EN 50 082-2
- For linking existing alarm systems to computer or remote alarm



	Position I	Position II
Sensor NC (normally closed)	Output Relay normally active	Output Relay active at
Sensor NO (normally open)	Output Relay active at alarm	Output Relay normally active

The relay board shall be connected to the same sensor contacts as the alarm panel LH 10.

