

ALARM UNIT LS 325 AND LS 326



Function

10 input signals each with memory, adjustable delay and selection for make (NO) or break (NC) contact.
Priority level A or B is selectable with jumpers for each input signal.
Alarm gives flashing light which goes to continuous light after reset.
Built in buzzer and power indicator.
Button for reset and buzzerreset. Touchprotected alarmtest button.
All selections and adjustments are made from the frontpanel.
Terminal blocks are of plug in type.
Plasticsign in the front is protected by plastic-cover.

Technical specification

Power requirement: 48, 110 or 220V AC/DC.
Current consumption incl. alarmcontacts: max 180mA at 48V, 110mA at 110V, 55mA at 220V.
Priority level contact rating: 0,3A, 250V or 75W, 4A, 250V or 1000VA.
Individual outputrelays: 0,4A, 250V or 100W, 4A, 250V or 1000VA
Adjustable delaytime: 0,01 - 30s.
Alarm contact signal: 5mA (2mA at 220V AC/DC).
Dimension: W x H x D 142 (28TE) x 128 (3HE) x 60mm.

Art. nr. Description

LS-325xx	Optical isolated inputs and isolated power supply for 48 - 220V AC/DC.
LS-326xx	Optical isolated inputs and isolated power supply for 48 - 220V AC/DC. 10 individual outputrelays (one for each alarmsignal) and distance reset.

“ xx “ in Art.nr. should be replaced with your power requirement
48, 110 or 220 volts AC/DC.

LARMIA CONTROL AB

Subjects to be changed without notice

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SE-191 22 Sollentuna
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www.larmia.se

LS 325 TERMINALBLOCK CONNECTION BLOCK A

<u>Terminal</u>	<u>Function</u>
1	Input signal 1
2	Input signal 2
\	\
\	\
\	\
10	Input signal 10
11	Input signal Common
12	Input voltage AC/DC
13	"
14	Priority level A * NO
15	" COM
16	" NC
17	Priority level B * NO
18	" COM
19	" NC
20	Option
21	Option
22	Option

* Function after reset at power on.

LS 326 TERMINALBLOCK CONNECTION BLOCK A

<u>Terminal</u>	<u>Function</u>
1	Input signal 1
2	Input signal 2
/	/
/	/
/	/
10	Input signal 10
11	Input signal Common
12	Input voltage AC/DC
13	“
14	Priority level A * NO
15	“ COM
16	“ NC
17	Priority level B * NO
18	“ COM
19	“ NC
20	Option
21	Option
22	Option

* Function after reset at power on.

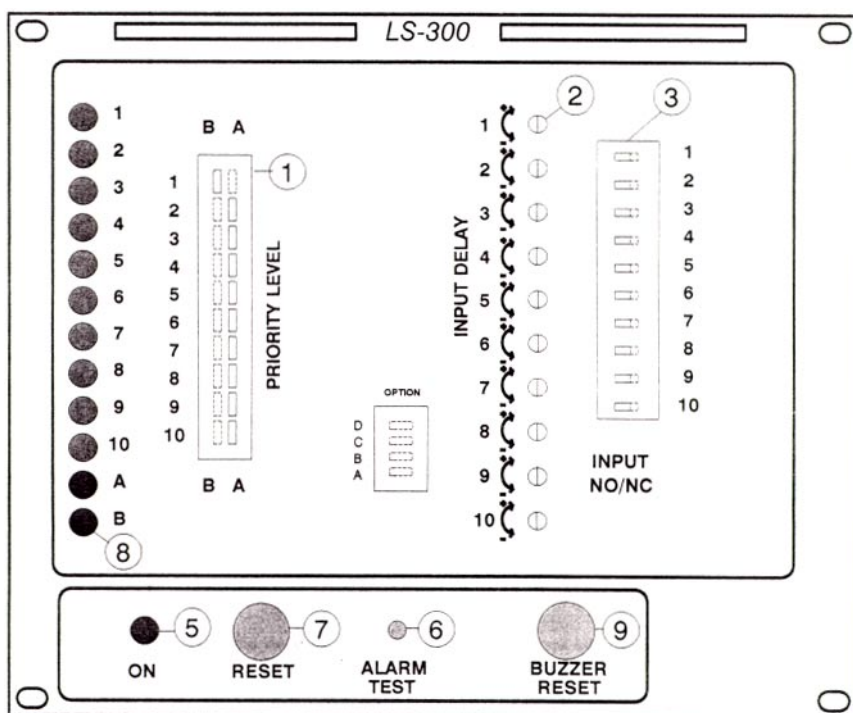
LS 326 TERMINALBLOCK CONNECTION BLOCK B

<u>Terminal</u>	<u>Function</u>
1	Output relay 1 NO
2	“ NO
/	/
/	/
/	/
17	Output relay 9 NO
18	“ NO
19	Output relay 10 NO
20	“ NO
21	Input for distance reset
22	“

OPERATING AND MAINTENANCE INSTRUCTION

Operation instruction.

All adjustments is done in the front panel, on the Alarm unit, behind the plastic cover.
Loosen the four screws which keeps the papersign and plastic cover in place.
The plastic cover can be bent.



The functions according to the numbers are:

1. Selection of priority level: A priority level must be chosen. Priority level A or B.
Notice! If both priority level A or B is chosen for one input signal, the priority levels gets connected for all input signals.
2. Delay: Every new signal will be indicated with flashing light, and after set delayed time alarm is received.
Adjust the delay with a little screwdriver (0.01-30s).
The delay is increased clockwise.
3. Selection of "NO/NC": If make contacts are connected choose "NO"(Normal Open).
For break contacts choose "NC"(Normal Closed).

NOTICE!

Adjustments according to number 1-3 should be made when the power is OFF.

5. Powerindication "ON": Green light indicator indicates power on.
6. Alarm Test: The Alarmtest activates all outputs after set delayed time.
This function is touchprotected and activated through a hole (3mm) because the button is beneath the panel.
Notice! Alarmtest without switching priority relays is received if the Reset button is held during the test.
7. Reset: Makes the Buzzer silence. Lightindicators goes to continuous light if alarm remains.
The priority level relays goes to normal.
8. Activated Priority Level: Indicated with yellow light indicator.
At remaining alarm the light indicator flashes with opposite phase off the red light indicator.
If the alarm no longer exists they flash in sync.
At reset the light indicators goes to normal.
9. Buzzer Reset: This function doesn't affect the light indicators or the outputs.
Notice! After reset you have to wait 3 seconds before activating the Buzzer again.

Maintenance instruction:

Under normal circumstances maintenance of the equipment is not needed.
The equipment must be mounted so that it is well protected from dust, damp and corrosive atmosphere.
It is recommended that the Alarm unit is tested by pushing the Alarm Test button with regular intervals.

If the Alarm unit needs to be replaced:

Remove the terminal blocks of plug-in type.
Bend carefully with a little screwdriver between the circuitboard and the terminal block.
(Mounting the terminal block needs a lot of power).
First contact LARMIA and then send it to:

Larmia Control AB
Allfarvägen 3, 3tr
SE-191 47 Sollentuna
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