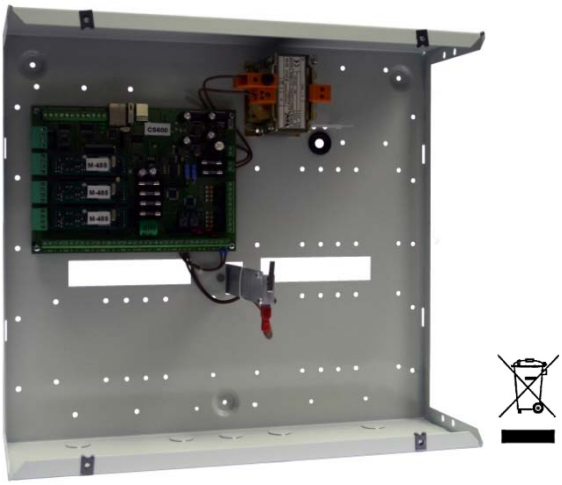


SPECIFICATIONS

Network device with:

- Power supply 1,5 A
- Battery supply 1,5 A
- 8 multi balanced inputs
- 8 open collector outputs
- 3A - 125Vac
- 1 tamper input
- RS-485 integrated line

Inputs

8 multi-balanced inputs on board to detector: stand-by, alarm fault, masking, short circuit and cut. 100ms integration hardware time.
Each input is completely independent and it can be programmed:

- quadruple bilancing
- normally open contact
- normally closed contact.

On the input terminal there are also two positive and four negative.

Outputs

4 O.C. outputs available on terminals/flat cable (preset for connection with **MORS-4** relay-card).

INSTALLATION

ALI8/8 is made and controlled to be installed in its box and it must be fixed using four 10 mm spacers.
Fix the card avoiding bending or flexing, mechanical stress may cause faults or malfunction.
During the connectors connection and disconnection block the card in order to avoid circuit flex.

LINE

Line 485:

- **PL1** e **PL2 CLOSED**.
- **P1** closed if the device is connected to one of the two ends of the line.

ADDRESS

The device address is set up with DIP-SWITCH DIP1 and DIP2.

DIP1 = Line

Address	Dip ON	Address	Dip ON
1xx	1	**3xx**	3
2xx	2	**4xx**	4

DIP2 = Addressing (from 1 to 16)

Addr ess.	Dip ON	Addr ess	Dip ON	Addr ess	Dip ON	Addr ess	Dip ON
1	1	**5**	1,3	**9**	1,4	**13**	1,3,4
2	2	**6**	2,3	**10**	2,4	**14**	2,3,4
3	1,2	**7**	1,2,3	**11**	1,2,4	**15**	1,2,3, 4
4	3	**8**	4	**12**	3,4	**16**	5

N.B = DIP from 6 to 10 NOT USED

OPERATING – IN SERVICE (BINDING)

To make the device operate:
make sure it's without power supply

- Set the device number through dip-switch.
- Supply the device.
- Check that the led **L1** flashes red quickly.
- Use one of the following processes:
  a) Push the button **SW1** until the led **L1** turns first steady **GREEN** then flashing.
  b) Give the command "Operating – in service" with the terminal or software.

SPECIAL CASES

The L2 Led is not flashing RED
There is no communication between device and control panel;
check the network connections.
If connections work well it's possible that the device has memorized the previous binding. In this case, you have to delete it.
The L2 Led flashes RED/YELLOW/GREEN
The device has in memory a binding with a device number different from the current setting. Set the correct device number or delete the old binding.

BINDING CANCELLATION

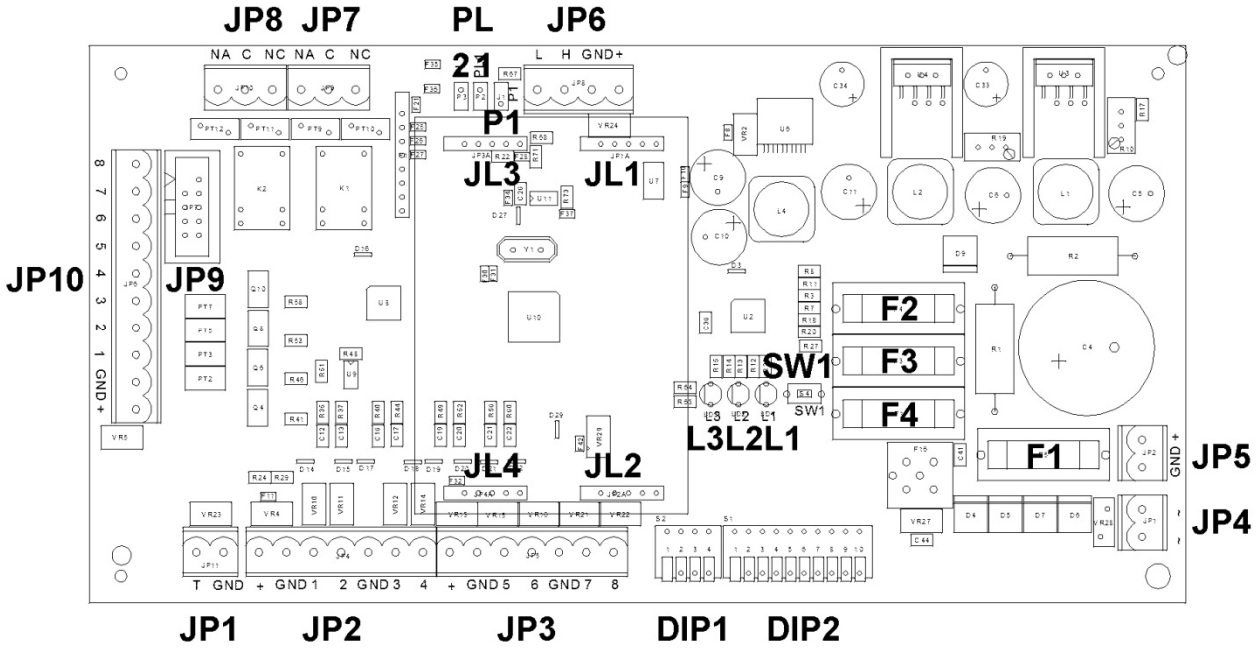
During normal operation, service:

- Give the command "Out of Service + Clear Binding" with the terminal or software.

In particulars malfunction conditions:

- Remove supply to the device.
- Press and hold down the button **SW1**.
- Reconnect the supply.
- Give the command "Out of Service + Clear Binding" with the terminal or software.

The binding cancellation is indicated by fast flashing RED led **L1**.



JP1	**TAMPER**	JP8	**AVAILABLE RELAY (ccppp010)**
GND	Negative	**NC**	Normally closed
T	Tamper Input (ccL00pp)	**C**	Common
JP2	**Inputs 1-4**	**NA**	Normally open
+	Positive	**JP9**	**Outputs**
GND	Negative	**1-8**	OC Outputs (ccppp01-8)
1-4	Inputs 1-4 (ccppp01-4)	**JP10**	**Outputs**
JP3	**Inputs 5-8**	**+**	Positive
+	Positive	**GND**	Negative
GND	Negative	**1-8**	OC Outputs (ccppp01-8)
5-6	Inputs 5-8 (ccppp05-8)	**P1**	**Line Termination 485**
JP4	**SUPPLY 18 V CA**	**F1**	Battery Fuse (3,15 A)
JP5	**BATTERY**	**F2**	Fuse JP6 (1 A)
+	Battery Positive	**F3**	Fuse JP10 (1 A)
GND	Battery Negative	**F4**	Fuse JP1-2-3 (1 A)
JP6	**LINE RS-485**	**JL1**	**SLOT FOR COMMUNICATION MODULES NOT USED FOR CS600**
+	Positive	**JL2**	
GND	Negative	**JL3**	
H	Positive 485 (Green)	**JL4**	
L	Negative 485 (Yellow)	**SW1**	**IN SERVICE**

JP7	**AVAILABLE RELAY (ccppp009)**	**L1**	Flashing Red = Cpu KO Not flashing Green = Cpu OK Flashing Orange = Battery charging Not flashing Red = Absence 18 VCA
NC	Normally closed		
C	Common	**L2**	Not flashing Red = Battery non connected Not flashing Orange = Low battry voltage Not flashing Green = Battery voltage OK
NA	Normally open		
DIP1	Line (1-4)	**L3**	Flashing Red = PFR Out of service Not flashing Red = No Cpu communication Flashing Green = PFR In Service OK
DIP2	Address (1-16)	**F**	Fuse for power supply protection

TECHNICAL DATA

Supply voltage	230	Vca
Absorption in standby (230 Vca)	80	mA
Maximum absorption (230 Vca)	250	mA
Absorption in standby (12 Vcc Battery)	60	mA
Operating temperature	-10 + 40	°C
Relay Absorption (12 Vcc Battery)	30	mA
Relay capacity	3A - 125Vac	A
Dimensions	B = 435 H = 400 P = 142	mm
Printed code circuit	6M14D-003	

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