SPECIFICATIONS

1. Proximity reader for EM4100 cards, 125 KHz, connectable to the 485 line of the anti intrusion stations.
2. Operator identification by proximity reader
3. Tricoloured warning leds completely programmable, ability to enable automatic operation for the L3 led.
4. Programmable open collector output.
5. Buzzer.

UTILIZATIONS

According to programmation AEI485 it works in modes:

- Access control terminal
- Door opener
- Command module

FUNCTIONING

Operator identification is executed by approaching the card to the central part of the card reader. It is also possible to disable the led warnings, in this case, if they have not been programmed, they will only report that the local line has been interrupted.

INSTALLATION

The AEI485 has been built and controlled to be installed in closed spaces and away from weather conditions.
The AEI485 can be installed into an empty box that fits the 503 box

BINDING

To make the device operate:

- Supply the device.
- Check that the Led 3 flashes red quickly.
- Use one of the following processes:
  CS600: give the command In Service with LCD600S terminal on the peripheral address programmed by PKSecuriy600.

NOTE: If in the same line there are more AEI485 before to launch the "binding" procedure is necessary to connect one by one and execute the procedure in sequency directly by LCD600S.

BINDING CANCELLATION

Normal:

- Give the command "Out of Service + Clear Binding" with LCD600S.

Forced:

- Remove supply to the device.
- Connect the purple wire **(IN)** with the Green wire **(H – RS485 Line)**, and disconnecting the Green Wire **L** from CS600 control Panel
- Reconnect the supply.

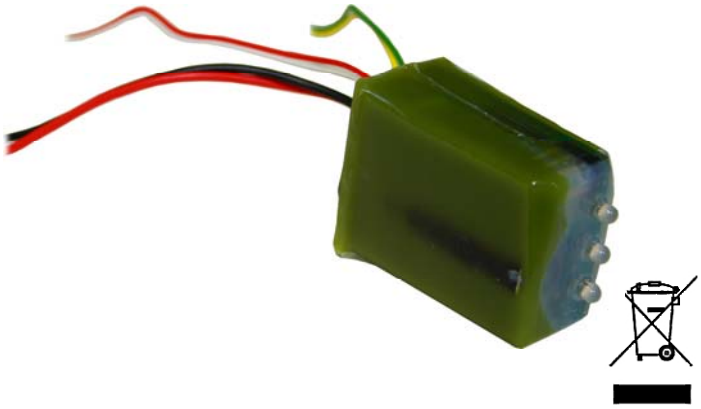
The binding cancellation is indicated by fast flashing Red Led 3

485 Line termination

The AEI485 does not have the 485 line termination, in case that it has been istalled as termial of the line it is necessary to install a 100 Ohm resistor between the yellow and the green wire.

TECHNICAL DATA

Voltage Supply	9-15	V DC
Absorption in standby	40	mA
Max Absorption	75	mA
Working Temperature	-10 +50	°C
IP grade	65	
Dimensions	48x30	mm



ELECTRICAL CONNECTIONS

Red	Positive power supply 12 V DC	
Black	Negative power supply	
Yellow	LINEE 485	Terminal **H** of the proximity reader with terminal **H** of the panel
Green		Terminal **L** of the proximity reader with terminal **L** of the panel
Grey	Open collector output	
Purple	Digital input	

WARNINGS

Waiting for Binding	L1	Off
	L2	Off
	L3	Red fast lashing
	Buzzer	Off
Waiting	L1	Off or Programmation State
	L2	Off or Programmation State
	L3	Red Flashing or Programmation State
	Buzzer	Off
Identified Operator	**Configured for only one reading**	
	L1	Green Led On
	L2	Green Led On
	L3	Green Led On
	Buzzer	Long Beep
	Configured for more than one reading: Keeping the transponder in reading position every led flashes for three seconds. Starts with Yellow, then Red, ends with Green. Removing the transponder from reading position, by looking at the active color, it launches the corresponding command that is confirmed by the constant illumination of the led for two seconds.	
	Yellow	Reading commad 1
	Red	Reading commad 2
	Green	Reading commad 3
	Buzzer	Long Beep
Refused Operator	L1	Three led flashes
	L2	Three led flashes
	L3	Three led flashes
	Buzzer	Three short beeps

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