

32 ZONES REPEATER PANEL AE/SA-PR32

Description

The 32 zone repeater panel: 31 alarm + 1 fault, is a microprocessed module compatible with the AGUILERA ELECTRONICA algorithmic system.

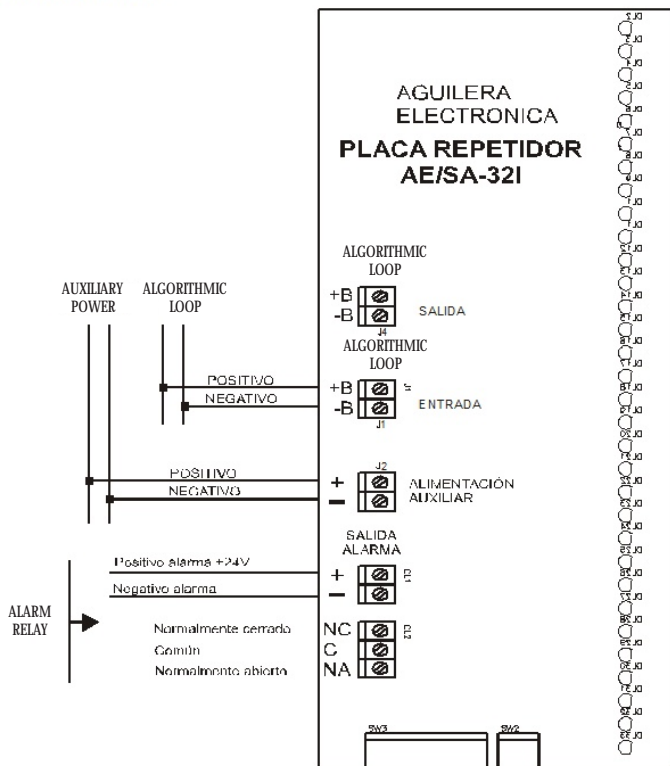
It consists of 32 light indicators for real-time representation of the installation status.

Its main features are as follows:

- It occupies only 1 point within the algorithmic loop.
- 31 first positions: red LEDs for alarm status indication, LED 32: yellow for fault status indication.
- Programming of multiple installation points for each indicator light.
- Individualized customization of the text associated with each indicator light.
- Acoustic warning of zones in alarm.
- Repeat alarm relay, with output by voltage-free contacts (NO, C and NC) and by voltage (24Vdc).
- Test button for indicator lights, audible warning and relay.
- Acoustic warning light switch and relay.



Wiring diagram



In the circuit of the repeater panel, back of the lid, there are removable terminals that facilitate connection, with the following distribution:

The connection to the algorithmic loop is made by connecting the algorithmic hose to the input terminal of the repeater (+ B and -B). The repeater has a second algorithmic loop clema in case we want to make a derivation of the loop in the repeater itself.

The 24 Vdc auxiliary power supply is connected to the terminal marked as AUXILIARY POWER SUPPLY.

The alarm relay is connected to the terminals marked ALARM OUTPUT. It has the NC, C and NA voltage free contacts and a 24Vdc output in alarm.

TECHNICAL CHARACTERISTICS:

Supply voltage:	18 - 27 Vcc.
Consumption at rest algorithmic loop:	1 mA.
Maximum consumption auxiliary source:	100 mA
Wiring algorithmic loop:	2X1.5mm ²
Output contact relay:	Potential-free and Output 24 Vcc
Maximum current by potential-free contact:	1A / 30 Vcc - 0.5A/ 125 Vca
Maximum current for output voltage:	24Vcc / 0.5A
Temperature range:	0° a 60 °C
Dimensions:	121X285X50mm
Approximate weight:	1.1Kg