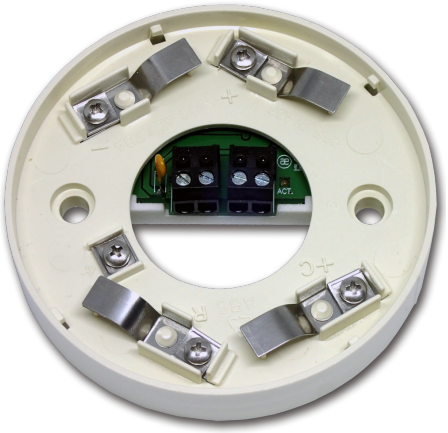
SOCKET WITH INSULATOR FOR ALGORITHMIC DETECTORS

AE/SA-ZBA

Description



Socket for algorithmic detectors with bi-directional isolating circuit certified EN 54-17, designed to be used with AGUILERA ELECTRONICA algorithmic fire detection panels.

The bi-directional isolator circuit included in the socket allows isolating short circuits in the wiring of the algorithmic detection loop, leaving the affected zone between 2 isolators out of service for closed-loop installations.

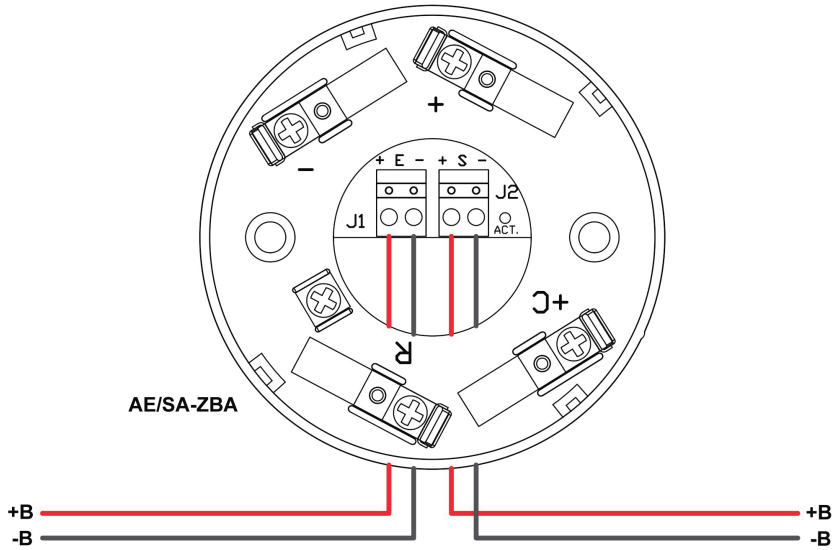
The isolator circuit incorporates the following functions:

- Bidirectional switch, allows to cut the loop safely, without causing voltage drops when it gives continuity.
- Voltage detector. It monitors the voltage of the loop, preventing its operation until the voltage does not exceed the lower limit set.
- Indicator light, it is activated when a short is detected in the loop, or an excessive current consumption.

Connection

The installation of the plinth to the ceiling is done by 2 screws through the holes. The screws must be suitable for the material where the base is installed. The cable entry must coincide with the center of the base.

The connection to the detection loop is made through removable input and output terminals



TECHNICAL CHARACTERISTICS:

Supply voltage:	18 ~ 27 V (AE / SA-CTL card algorithmic loop).
Wiring:	2 wires. Recommended section AWG 22 ~ 14 (IEC1.5mm2)
Consumption in standby:	0.1 mA
Isolator activation current (ISO):	I> 310 mA
Isolator reset current (ISC):	I <150 mA
Maximum leakage current (IL max):	<35 mA
Temperature range:	-10º - + 55º C (room temperature)
Humidity range:	Relative humidity 10% - 90% non-condensing
Shell material:	ABS FR V0
Dimensions:	94 mm Ø x 18 mm
Weight:	65g
Applicable standards:	EN 54-17