

MINI MODULE 1 SUPERVISED OUTPUT AE/SA-1SVM

Description

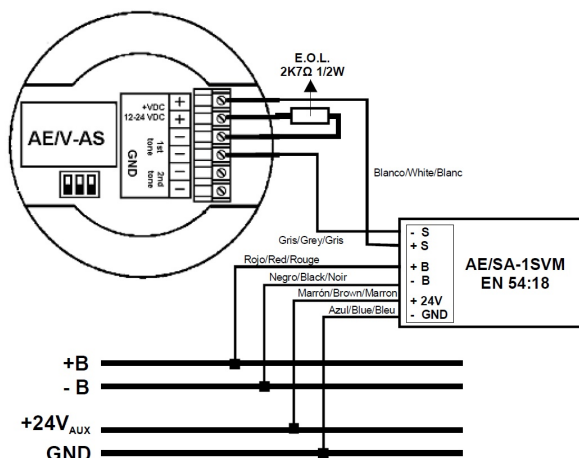
Developed and manufactured by AGUILERA ELECTRÓNICA for their algorithmic system.

They offer the same functionality as the box-mounted modules, but with reduced dimensions of 45X30X10 mm. This means they can be housed inside the equipment that they control or monitor: sirens, pushbuttons, special detectors,...

They are supplied encapsulated, which provides them with excellent insulation for protection against short circuits, dust, moisture, etc.



Wiring diagram



The AE / SA-1SVM module must be installed inside the equipment whose signal must be controlled, or in a box arranged for this purpose. A module can control 1 or more fire alarm devices connected in the same loop. The end of line resistor must be connected to the last connected fire alarm device.

The connected alarm device must have polarity. If it does not have one, a 1N4001 or similar diode must be added in series to prevent it from being activated by the monitoring current in the standby state of the output.

TECHNICAL CHARACTERISTICS:

Supply voltage:	- 18 ~ 27 V (Algorithmic loop AE/SA-CTL card). - 18 ~ 27 VDC. (Auxiliary power).
Consumption at rest:	1.2 mA (Algorithmic loop). 3.3 mA (Auxiliary power).
Alarm consumption:	3.0 mA (Algorithmic loop) 10.5 mA + device consumption
Wiring:	Connection with flexible cable. Recommended section 1.5mm ² Algorithmic loop, 2 wires. (red / black) Auxiliary power, 2 wires. (brown / blue) Output to devices, 2 wires. (yellow / green)
Output:	+24 VDC (100 mA máx.) Limited by PTC. Monitored by resistance EOL 2K7 1/2W
Temperature range:	0° - +50° C (temperatura ambiente).
Humidity rang:	Relative humidity 10% - 90% non-condensing.
Encapsulated:	Heat shrinking tube sealing Sumitube B11
Electrical insulation:	28Kv/mm

PHYSICAL CHARACTERISTICS:

Color:	Black
Dimensions:	43 x 28 x 10 mm.
Weight:	20 g
(Auxiliary power)	