

ALARM CENTRAL FOR MOBILE TELEPHONY

AE/AX30TRI

Description

The AE / AX30TRI SA-PA-05 alarm center is a fire control and external alarm repetition center that is basically composed of:

- Power supply and battery charger.
- Fire detection loop.
- Automatic extinguishing control circuit that provides a monitored output to activate a solenoid valve. Relay output (24 V).
- 12 Vdc (500 mA) output for various uses external to the control unit.
- Control of 30 external alarm inputs, normally open or normally closed selectable by means of a switch, which are transmitted via Sub-D 37-pin connectors (normally open or closed potential-free relay outputs selectable by means of a selector):
 - For the first 14 outputs plus fire alarm and general fault alarm, there are three 37-pin Sub-d connectors to be used independently by each operator. This information is repeated simultaneously on all three connectors.
 - A single 37-pin Sub-D connector is available for the remaining 16 outputs.
- Repetition by means of two voltage-free 2 A switched relays on inputs 1 and 30.
- Control of 1 FIRE output and 1 GENERAL FAULT output normally closed through the first 3 Sub-D 37-pin connectors.
- Voltage-free 2 A switched relays for:
 - Fire alarm.
 - General Fault Alarm (normally excited).
 - Ventilation stop selectable with Fire Level 1 or Fire Level 2.
- Optical and acoustic signals, and controls necessary to operate the installation.



MECHANICAL CHARACTERISTICS

Cabinet material:	1.5 mm thick rolled steel.
Protection index:	IP-42
Color:	RAL - 9002
Dimensions:	380 mm HEIGHT X 350 mm WIDTH X 130 mm. BACKGROUND
Total weight:	13 Kg. (With batteries).
Batteries weight:	5.1 Kg. (2 units).

ELECTRICAL CHARACTERISTICS

Supply voltage:	230 V / 50 Hz.
Transformer:	Toroidal 50 VA 230 Vac / 2x15 Vdc
Maximum source current:	2.3 A.
Working voltage:	27.2 V.
Automatic shutdown:	Working voltage <15 V.
Consumption:	24 Vdc: Standby: 120 mA In fire alarm: 250 mA Maximum (all inputs activated) 800 mA.
Batteries:	Capacity for 2 rechargeable 12V / 7 Ah sealed lead-acid batteries.