

# AM-12

## External automation alarms system

The AM-12 is deployed in most of base station equipment rooms, it plays role of remote management enhance security and increase safety to make stable and reliable services, on the other hand it can decrease the OPEX for operators.

LIENVIET has designed the AM-12 with following features:

- Integrated lighting break and AC anti-shock on the motherboard.
- System interface is designed for easy installation and maintenance.
- The processor can be upgraded via communication port.
- Compatible with a lot of fire alarm sensor and smoke detector.
- Built-in battery for feeding power AM-12 up to 12 hours in case of grid off.
- Automatically RESET sensor and smoke detector.

### Input and output ports

#### AC POWER

- Power supply: 3-phase 380VAC or 1-phase 220VAC.
- Can use air-conditioner 15A/220VAC.

#### ALARMS

- Door
- High temperature
- Air conditioner 1
- Air conditioner 2

(\*) Contacts normally closed: NC

#### SENSORS

- Temperature sensor: 2 line type

# External alarm system

- Smoke detector: both 2-wire and 4-wire type.

## BATTERY

- 12V-4.5Ah for feeding AM up to 12 hours

## Technical specifications

|                       |                            |
|-----------------------|----------------------------|
| Power supply          | 1 Phase, 220 VAC, 50/60 Hz |
|                       | 3 Phase, 380 VAC, 50/60 Hz |
| Battery               | 4.5AH, 12VDC for 12 hours  |
| Operating temperature | 5 to 55°C                  |
| Load                  |                            |
| Air conditioner       | 220VAC/15A                 |
| DC fan                | 48VDC/5A                   |
| Alarm indicator       | 0.2A/250 VAC, 1A/48VDC.    |

## Ordering parts

### AM-12/&/@/#

- & Application
  - BTS** for BTS equipment room
  - EXT** for extend application (customized)
- @ Backup power supply
  - BAT** using battery backup power (12VDC, 4.5Ah).
  - ~ Customized order
- # Communication interface
  - RS** RS232 interface for upgrade system.
  - ~ Customized order

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