



# MBA95, MBA95Ex

## Addressable zone interface module

- ***MBA95: Addressable zone interface module***
- ***MBA95Ex: Addressable zone intrinsically interface module***
- ***CE certified products according to CPD***

**MBA95 and MBA95(Ex)** (Master Box Addressable 95 range compatible 05 range) is an input/output module complying with the norm EN 54-18. Its aim is to manage the collective addressing of a conventional line of detectors on an Alpha or Héphaïs addressable panel.

The reference MBA95 (Ex) is the same product for intrinsically safe installations.

The devices have an **isolator circuit embedded** and are both **opto-isolated** on the output conventional line from the protocol communication line.

The product is **CE certified according to CPD** and satisfy to the norms: **EN54-17, EN54-18 and EN5413.**



### Main characteristics

- Input/output module for collective line addressing.
- **Isolator integrated.**
- Opto-isolated on conventional line output.
- Up to 32 detectors/line on conventional line.
- 10 conventional EEX points for MBA95(Ex)
- Conform with EN54-17, EN54-18, EN54-13
- **CE certified according to CPD**

### Electrical specifications

|                                           |                                                                                                               |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Operating voltage                         | 24V +/- 6Vdc                                                                                                  |
| Standby consumption(on conventional line) | 110 mA under 24V                                                                                              |
| Alarm consumption (2 detectors in alarm)  | 230 mA under 24V                                                                                              |
| Consumption on the loop                   | 350 $\mu$ A                                                                                                   |
| Loop power supply                         | 14 to 28V (nominal 24V)                                                                                       |
| Max. current                              | ISmax = 1A switching, ICmax = 400mA permanently with isolator closed; IImax = 100 $\mu$ A with isolator open. |
| Ohmic loss (ICC)                          | <400m $\Omega$ @ 400 mA with isolator closed                                                                  |
| Opening voltage for Icc                   | 4 Vdc $\leq$ Vloop $\leq$ 13Vdc                                                                               |

### Mechanical specifications

|                  |                |
|------------------|----------------|
| Weight           | 460g           |
| Size (H x L x D) | 180 x 140 x 80 |
| IP protection    | IP55           |
| Color            | Grey RAL7035   |

### Temperature specifications

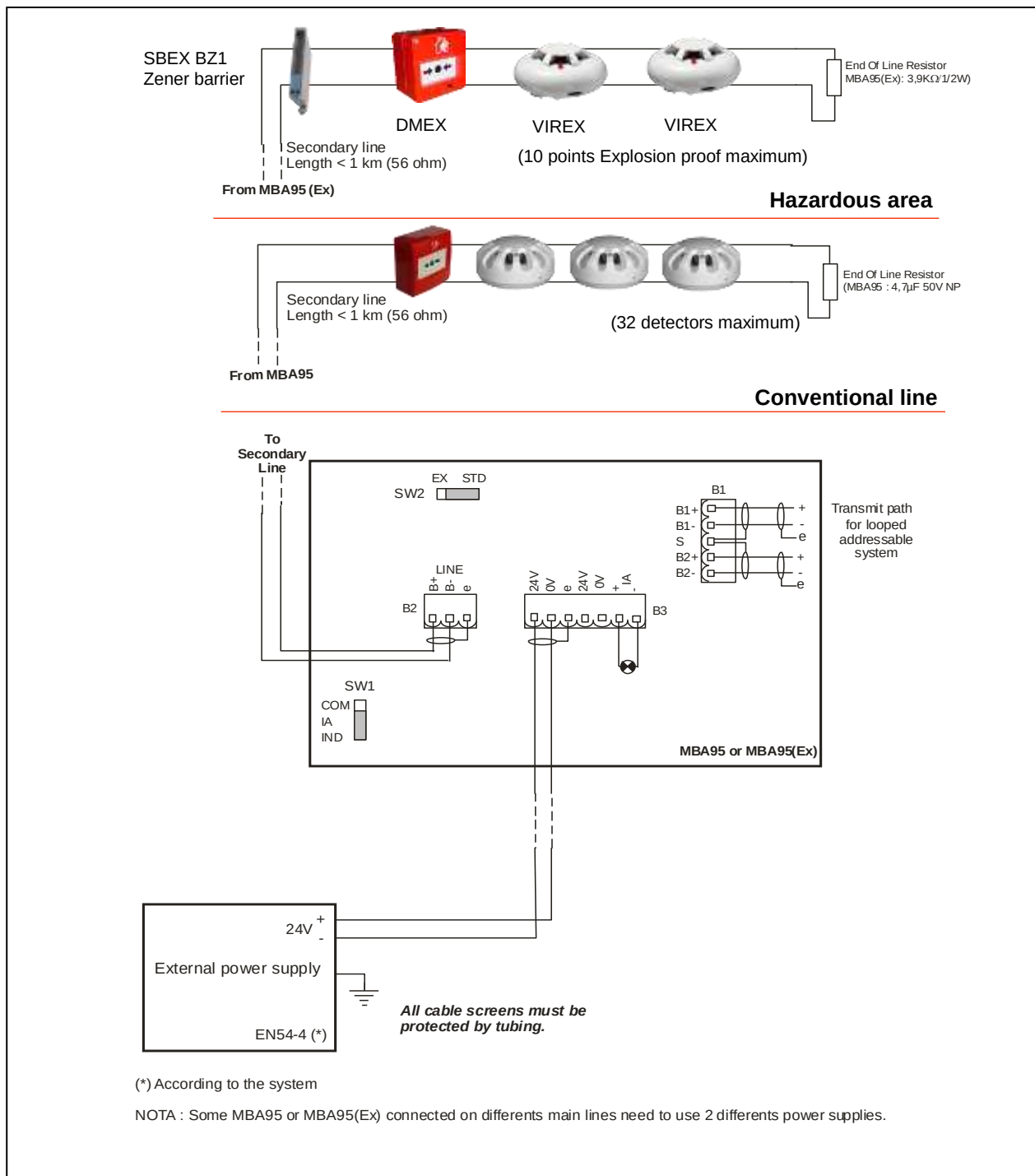
|                             |                |
|-----------------------------|----------------|
| Operating temperature       | -20°C to +40°C |
| Operation relative humidity | $\leq$ 93% HR  |
| Storage temperature         | +5°C to +55°C  |
| Storage relative humidity   | $\leq$ 85% HR  |



# MBA95, MBA95Ex

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### MBA95, MBA95Ex connection diagram



#### REFERENCE

MBA95

MBA95(Ex)

#### DESCRIPTION

Addressable zone interface module with backbox, for max 32 conventional points, isolator integrated, opto-isolated on the secondary line, EN54-17, EN54-18, EN54-13 CE according to CPD.

Addressable zone interface module with backbox, for max 10 conventional EEX points, isolator integrated, opto-isolated on the secondary line, EN54-17, EN54-18, EN54-13 CE according to CPD.

