



MBA95, MBA95Ex

Addressable zone interface module

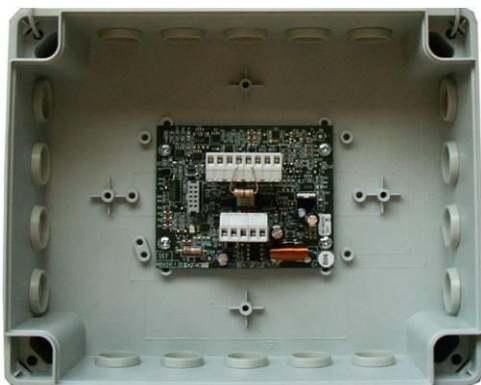
- **MBA95: Addressable zone interface module**
- **MBA95Ex: Addressable zone intrinsically interface module**
- **CE certified products according to CPD**

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 Héphaïis 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 µA
Loop power supply	14 to 28V (nominal 24V)
Max. current	ISmax = 1A switching, ICmax = 400mA permanently with isolator closed; IImax = 100 µA with isolator open
Ohmic loss (ICC)	<400mΩ @ 400 mA with isolator closed
Opening voltage for Icc	4 Vdc ≤ Vloop ≤ 13Vdc

Mechanical specifications

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

Climatic specifications

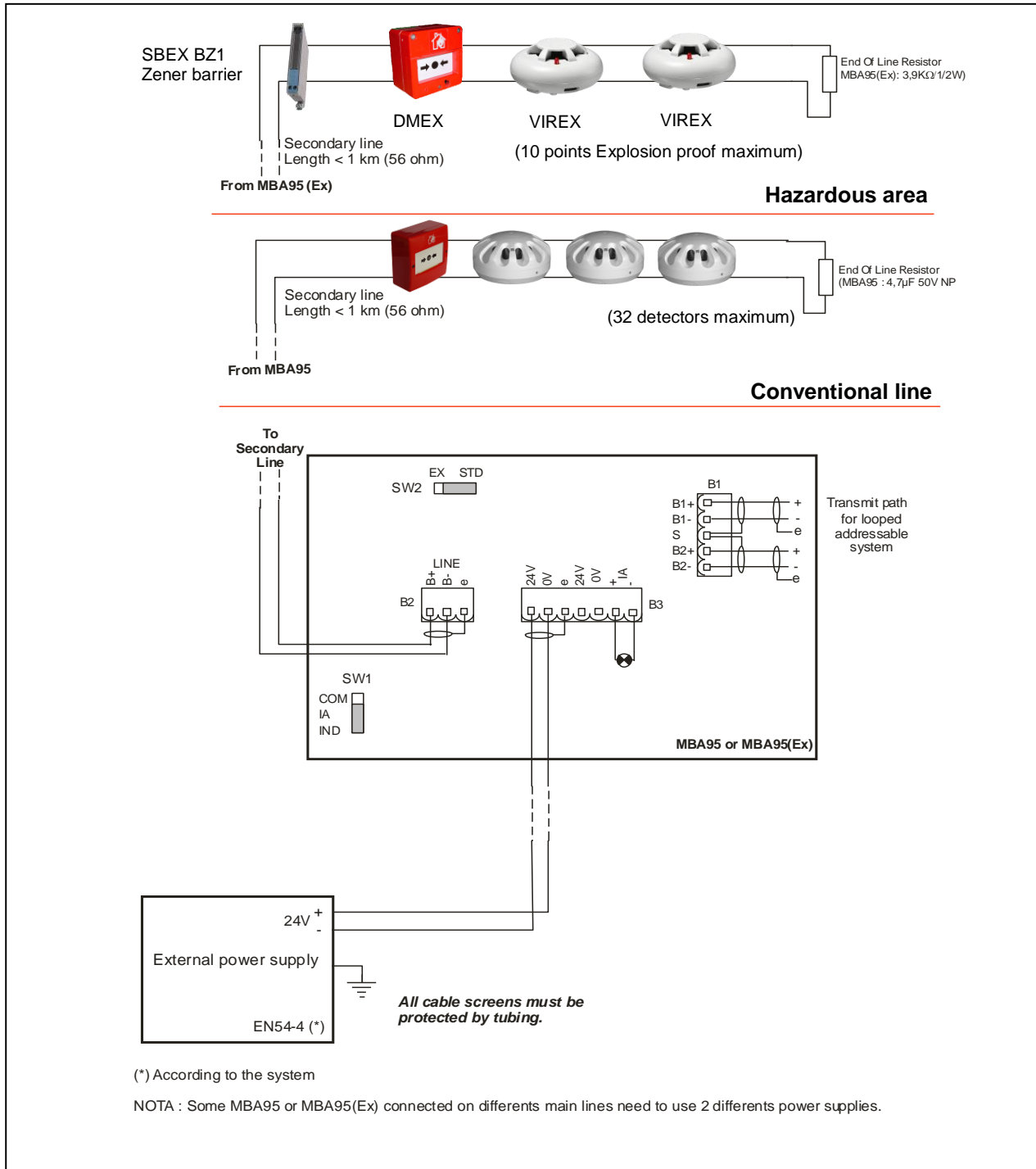
Operating temperature	-20°C to +40°C
Operation relative humidity	≤ 93% HR
Storage temperature	+5°C to +55°C
Storage relative humidity	≤ 85% HR



MBA95, MBA95Ex

Addressable zone interface module

MBA95, MBA95Ex connection diagram



REFERENCE

DESCRIPTION

MBA95

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.

MBA95(Ex)

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.

