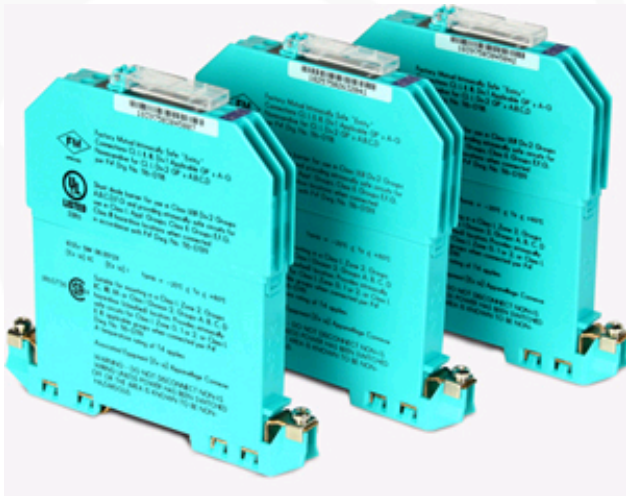


"MB4" PASSIVE SAFETY ZENER BARRIERS, FOR ATEX ENVIRONMENTS



MBA: kit of zener barriers for hazardous areas.

KIT of three intrinsic protection zener barriers, for connection of devices en ATEX area with devices in safe area. Suitable for mounting on a panel board on an omega bar in a safe area, or in a hazardous-proof case, for intrinsic safety weighing systems in hazardous area. Method protection according to II(1) GD [EEx ia] IIC (-20°C ≤ Ta ≤ +60°C).

SINGLE CHANNEL FEATURES

- **Barrier for output:**

Fuse: 50mA
Uo: 8.7 Vdc
Io: 25mA
Po: 0,05W
Co: 4,9µF
Lo: 57mH
L/R: 613µH/Ω
Rmin: 352,8Ω

- **Barrier for sense:**

Fuse: 50mA
Uo: 8.7 Vdc
Io: 25mA
Po: 0,05W
Co: 4,9µF
Lo: 57mH
L/R: 613µH/Ω
Rmin: 352,8Ω

- **Barrier for input:**

Fuse: 100mA
Uo: 12Vdc
Io: 164mA
Po: 0,49W
Co: 1,41µF
Lo: 1,38mH
L/R: 75µH/Ω
Rmin: 73,5Ω

- NOTE: connection with up to 4 load cells of 350 ohm each.

Available versions:

Code	Description
MB4	KIT of THREE PASSIVE SAFETY ZENER BARRIERS for up to 4 load cells of 350 ohm each, suitable for mounting on a panel board on an omega bar in a safe area, or in a hazardous-proof case, for intrinsic safety weighing systems in hazardous area. Max. Cable length of 50 m. Marking of single barrier: Ex II (1) GD [EEx ia] IIC.

Options only available at time of order:

Code	Description
DCATEXMB4	DECLARATION OF ATEX CONFORMITY OF WHOLE Ex II 2GD IIC T6 T125°C SYSTEM, with relative LABEL OF WHOLE SYSTEM, for NON ATEX weight indicator connected to MB4 Dini Argeo zener barriers, connected to mechanical structure with ATEX load cells (each cell must be certified with CCATEX option).