DINI ARGEO
Scales - Weighing systems

KMB4

"KMB4" BOX WITH PASSIVE SAFETY ZENER BARRIERS, FOR ATEX ENVIRONMENTS



Kit of three intrinsic protection Zener barriers, for connection of devices in ATEX area with devices in safe area, housed in an ABS box.
Marking of single barrier: ATEX II (1) GD [Ex ia Ga] IIC [Ex ia Da] IIIC.
Marking of the whole box with three Zener

The best solution
for advanced industrial
applications

SINGLE CHANNEL FEATURES

- Barrier for signal and sense:
  Fuse: 50mA
  Uo: 8.7V
  Io: 25mA
  Po: 0,05W
  Co: 5,9µF
  Lo: 56,88mH
  L/R: 662µH/Ohm
  Rmin: 352,8Ohm

- Barrier for supply:
  Fuse: 100mA
  Uo: 12V
  Io: 164mA
  Po: 0,49W
  Co: 1,41µF
  Lo: 1,32mH
  L/R: 72µH/Ohm
  Rmin: 73,5Ohm

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



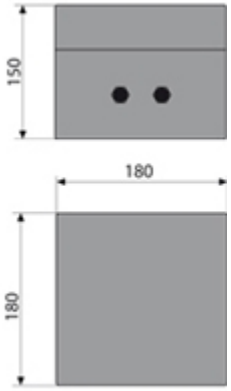
WARNING
The KMB4 kit can be placed in ATEX zone according to its ATEX marking or in alternative in a safe area.



The electric coordination, executed for realizing the DCATEXMB4 certificate, involves the use of the LCCB cable, maximum length of 50m (greater lengths upon price estimate).

DETAIL 1





KMB4: dimensions in mm.

DETAIL 2



3 zener barriers for load cell supply, signal, and sense. Suitable for mounting on a DIN bar in a safe area, or in a hazardous-proof case (Exd) in an ATEX area.

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ATEX

ISO 9001:2008

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