

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

Working in cooperation with:

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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

8 Ω

8 3 6

- Barrier for supply:

Fuse: 100mA

Uo: 12V

Io: 164mA

Po: 0,49W

Co: 1,41µF

Lo: 1,32mH

85 Ω

85 3

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



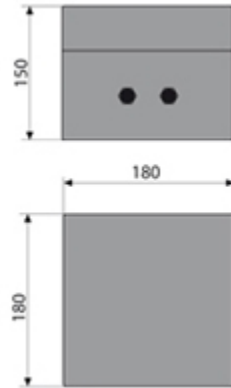
WARNING

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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