

# ZB GROUNDING BOXES



## APPLICATION

Grounding boxes are intended for easy and fast connection of protective wrist straps at assembly workplaces with dedicated ESD areas for processing electrostatic sensitive components. They meet the requirements of the EN 61 340-5-1 standard, and can be utilised both for permanent and temporary workplaces.

## ADVANTAGES

1. Easy assembly
2. Variability of input clamps and terminations
3. Favourable price

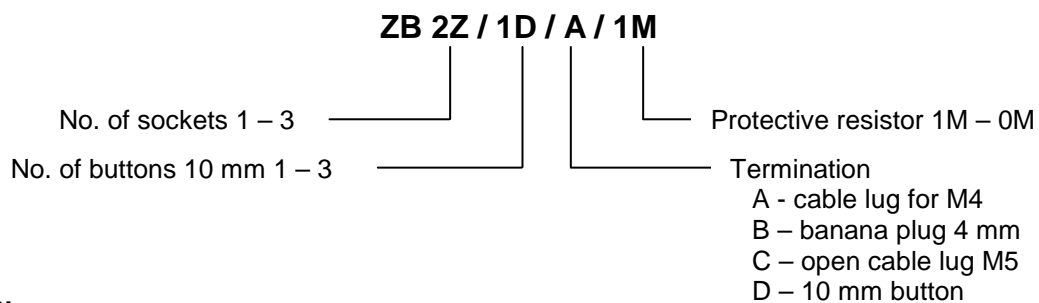
## SPECIFICATIONS

Dimensions	82 × 37 × 24 mm
Length of lead	2.5 m
Number of connecting sockets	3

## DESCRIPTION

The grounding box consists of a plastic casing, the front face of which is fitted with three connecting sockets. They can be selected from a combination of 4 mm banana plug and 10 mm press buttons depending on the conductors from the wrist straps used. Termination of the 2.5 m long output lead coming out of the box can be selected from four alternatives according to the grounding system applied. Cable lug termination is the most appropriate for permanent workplaces. Other alternatives – 10 mm press button, banana or open cable lug – are intended for temporary workplaces. The terminals are interconnected either directly, or via 1 MΩ protective resistors.

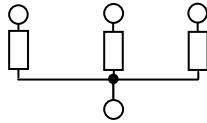
## LABELLING



### Example:

ZB 3Z/0D/B/1M – grounding box with three banana sockets, 1 MΩ internal resistors, banana termination.

## WIRING



3 x R 1 MΩ or 3 x R 0 MΩ

## ASSEMBLY

With the aid of two M3 screws or Ø 3 wood screws. The plastic cover is reinforced with columns to counter possible over-tightening.