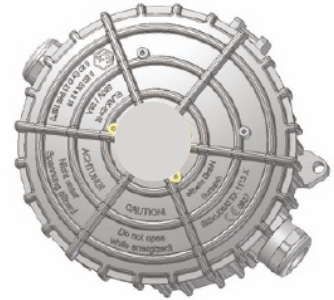


## Terminal Box Type Ex-R



### Round Junction box for EX-areas

The innovative junction box EX-R is suitable for use in potentially explosive atmosphere in accordance with Ex-guidelines 94/9/CE (ATEX95). Thanks to its exceptional shape it provides a number of advantages. Due to the form of the box, for instance, it is not necessary to strongly bend the inserted cable thereby avoiding cable damage.

A safety lock, with appropriate tool included, prevents the cover to move. Additional features permitting the attachment of sign plates facilitate easy identification of heating circuits in complex systems. Suited for wall-mounting.

#### Advantages:

- No static charge
- Rapid closing of the cover through snap fit, no tool required
- Increased mechanical safety through round shape
- Permits fixing of customer identification plates
- Up to 3 heating cables can be connected

#### Applications:

- Hazardous areas
- Chemical & petrochemical industries
- Power stations
- Industrial plants with a need for frost protection or temperature maintenance

#### Technical data:

Classification .....II 2G Ex e IIC T6 Gb II 2D Ex tb IIIC TX Db  
Standards ..... IEC 60079-0 ed.6, IEC 60079-7 ed.4,  
.....IEC 60079-31 ed.1  
Ambient temperature..... -40°C up to +50°C  
Nominal current.....see type plate, max 28A each terminal  
Nominal voltage ..... See type plate, max 550V  
Terminals heating cable..... max 6mm<sup>2</sup> (optional 10mm<sup>2</sup>)  
Terminals temp. sensor (if required)..... max 1,5mm<sup>2</sup>  
Enclosure.....Polyamide, no static charge  
Dimensions (approx)..... dia 150mm, height 125mm  
Impact resistance..... 7 joule  
Cable glands ..... polyamide  
IP rating ..... IP65  
Weight ..... approx. 0.7 kg  
Type of mounting..... wall mounting

