

Distribution Boxes BS 63*/*/16** (Increased Safety)**

Type of Explosion Protection:

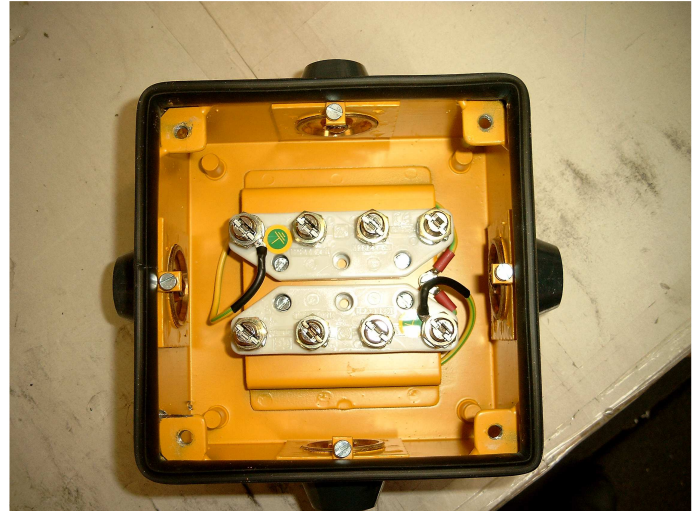
 I M2 Ex e I

Degree of Enclosure Protection:

Min. IP 65

EC-Type Examination

Certificate: IBExU 05 ATEX 1057



Use

The distribution boxes of type BS 63*/*/16**** serve for the connection of circuits in „increased safety” according to EN 60079-7.

Mounting

The equipment of type BS 63*/*/16**** may be mounted in any position by screwing the lateral butt straps onto a stable even surface. Subsequent flanging of single units and the use of smaller wire diameters than stated in the design documents is possible upon consultation with the manufacturer.

Installation of additional components may be only carried out by the manufacturer.

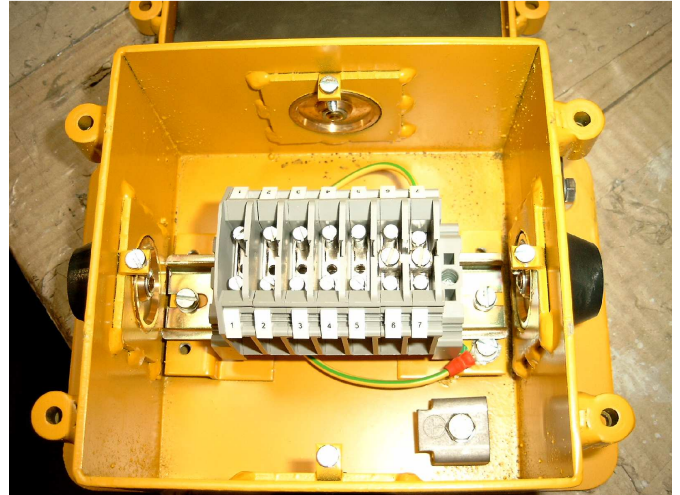
Technical Specifications

Rated Voltage:	Max. 11000 V
Conductor Diameter:	Max. 240 mm ²
Ambient Temperature:	-40°C to +40°C
Nominal Rating:	Depending on built-in parts

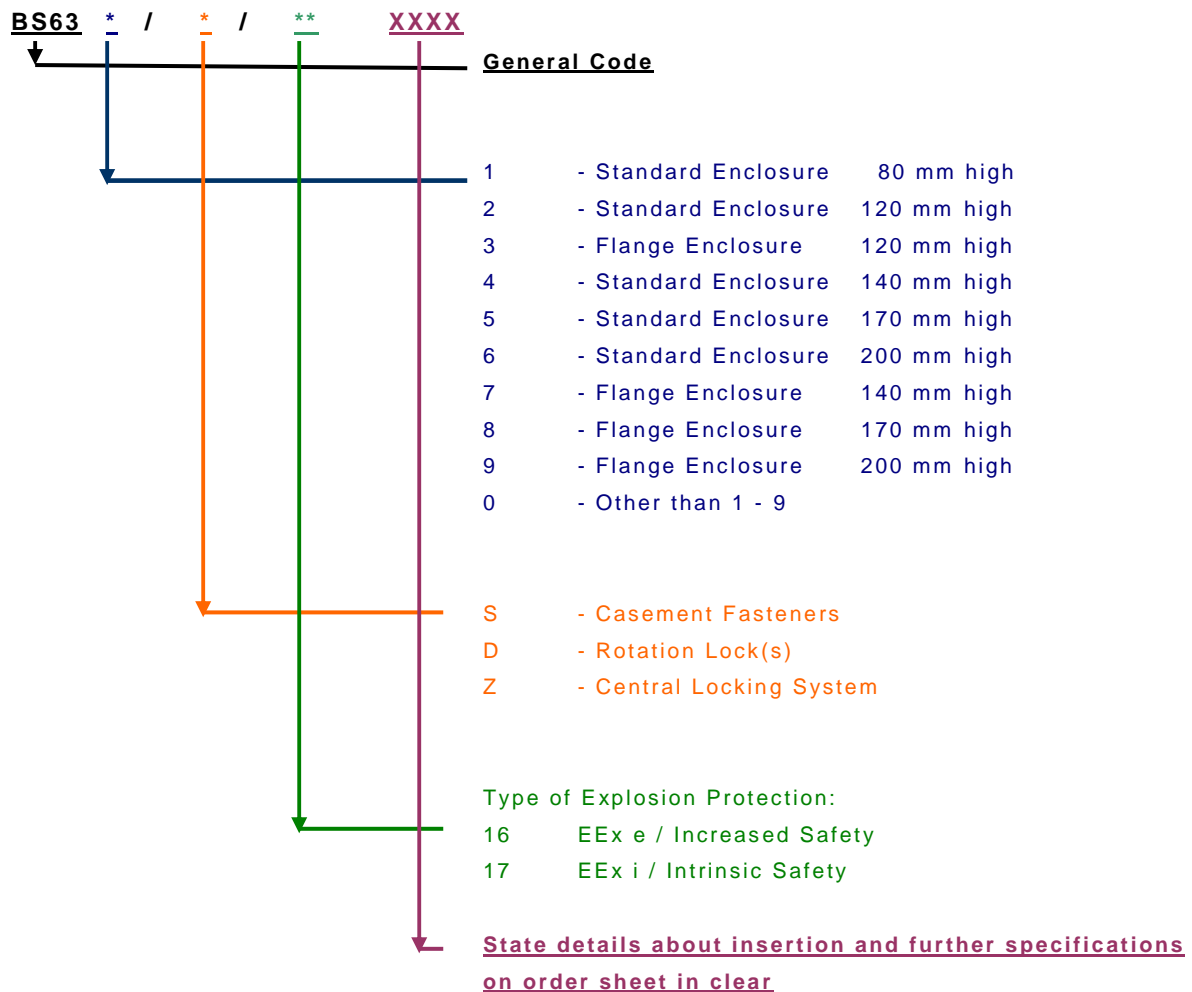
Example of an EEx e-Distribution Box

Distribution Box BS 632/D/160013

- 150 x 150 x 90 mm
- Material thickness 3 mm
- 7 terminals Phoenix grey (U_{max} : 500 V)
- Mounting by means of 4 socket head cap screws
- Holes:
at each side 1 x M 36 x 1.5,
closed with dummy plugs
- Installation by means of fixed butt straps
- Two internal and one external
protective conductor terminals

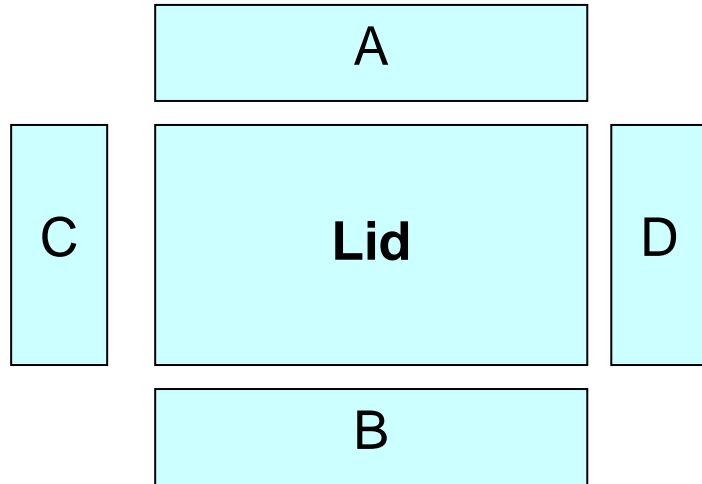


Type Identification Key



Example of Equipping a Distribution Box (EEx i or EEx e)

According to type identification key BS 63 * / * / 1 * * * * *



Holes:

Side A Number _____ Size _____
 Side B Number _____ Size _____
 Side C Number _____ Size _____
 Side D Number _____ Size _____
 Lid Number _____ Size _____

Attachments (cable entries, dummy plugs, adapters, switches etc.):

Side A Number _____ Type _____
 Side B Number _____ Type _____
 Side C Number _____ Type _____
 Side D Number _____ Type _____
 Lid Number _____ Type _____

Terminals Number _____ Type _____

Mounting Bars Mounting Plate Cable Ducts

Special Requests

Dimensions l x w x h _____ mm Sheet Steel Thickness _____ mm
 Electro-Galvanizing _____ Colour/RAL _____
 Hinges _____ Lid Clamping _____

Remarks

