




Terminal Box BS 65.2-... **Limit Switch Unit BS 65.3-...**

EC-Type Examination Certificate: IBEExU 03 ATEX 1095

Type of Explosion Protection and Degree of Enclosure Protection:

 I M2 EEx e/edqm/ia/ib/[ia]/[ib] I
IP 54 (PA 12)

 II 2G EEx e/edqm/ia/ib/[ia]/[ib] II, IIA, IIB, IIC T4, T5 oder T6
IP 54 (PA 12) or IP 66 (PC, Alu) or IP 67 (PC with PC translucent cover)

 II 2D T 80 °C IP 6X
IP 66 (PC, Alu) or IP 67 (PC with PC translucent cover)

The combination of the symbols for the types of protection is ruled by the types of protection of the components used in each case.

Ambient Temperature Range: - 20 °C to + 40 °C

Electrical Specifications: Voltage: up to 1000 V
 Amperage: up to 13 A
 Conductor cross-section: max. 16 mm²

The electrical values are maximum values. They are specified by the respective type of construction.

The enclosures consist of polycarbonate, polyamide or aluminium and serve, in connection with cable entries and terminals, for the joining of electrical conductors (BS 65.2-...). In the limit switch units (BS 65.3-...) control and indicator equipment is installed.

The built-in components used are certified according to Directive 94/9/EC, or they are simple electrical apparatus according to EN 50020, 5.4, which is not marked.

The restrictions of the explosion group, of the temperature class, of the IP-degree or of the electrical values are marked by the manufacturer on the type identification plate. The connection of intrinsically safe circuits has to be specifically examined.

The connection of the apparatus is achieved by using the terminals inside the enclosure designed for this purpose, that means, in a way that the conductor insulation comes right up to the terminal screw.

Special conditions, if existing, have to be regarded.

For installing electrical equipment in explosion hazardous areas EN 60079-14 has to be observed.

For maintenance or repairs only original parts of the manufacturer are permitted.