

A terminal box is necessary if the length of a cable must be extended or the leads of various switching, signal and monitoring devices must be routed together in a common control cable to one controller or control room.

R. STAHL supplies explosion protected terminal boxes in various versions and sizes, as individual enclosures or as terminal box combinations, presented in the enclosure series:

- 8118 glass fibre-reinforced polyester resin, in 3 basic enclosure sizes
- 8146 glass fibre-reinforced polyester resin, in 8 basic enclosure sizes and various heights
- 8125 painted steel plate or stainless steel, in 6 basic enclosure sizes and various heights

Planning

Specialised knowledge is required for designing and construction of explosion protected electrical units. Alongside the rules of general electrical engineering, it is vital to observe the explosion protection regulations. We are the experts in this subject! We design and manufacture explosion protected terminal boxes to order and to customer specifications taking into account all relevant regulations and standards.

Line-up Terminals

The terminal boxes are fitted to order with certified line-up terminals as follows:

- In EEx e-terminal boxes: line-up terminals with a nominal cross-section up to max. 300 mm²
- In terminal boxes for EEx i-circuits: blue line-up terminals with a nominal cross-section up to max. 4 mm²
- In terminal boxes EEx d: terminals with a nominal cross-section up to max. 300 mm²

Approved terminals from Phoenix are used as standard in hazardous areas. However, if required, we can also fit terminals from other manufacturers.

STAHL



8146

10304E00



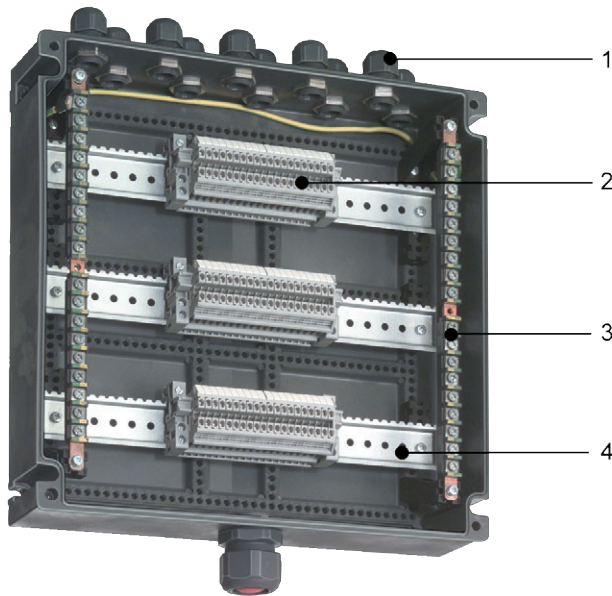
8125

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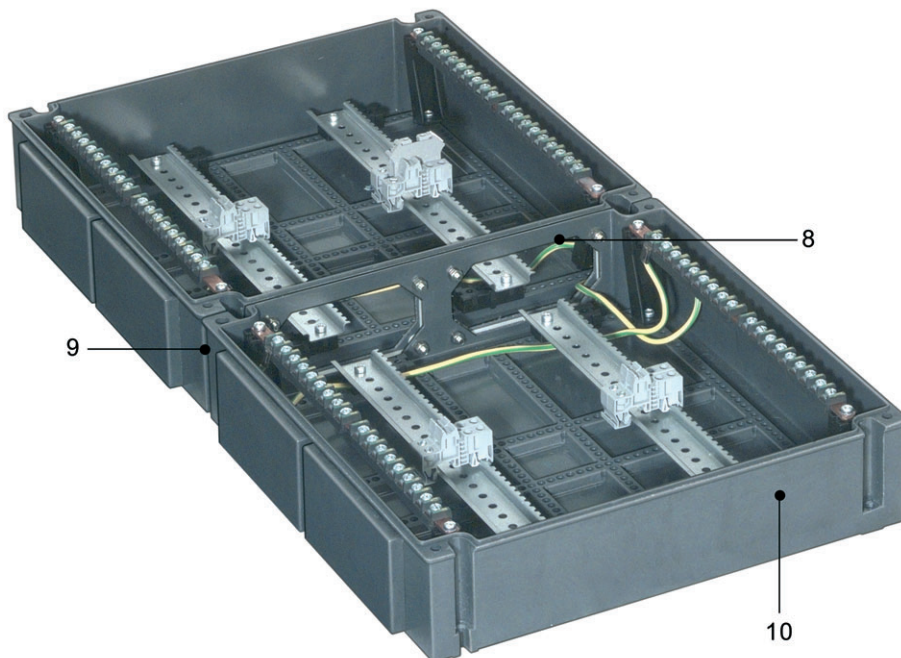
8118

01665E00



- 1 Cable entries 8161 in moulded plastic (enclosures series 8146 and 8125)
- 2 Line-up terminals UK 3 N mounted on rail TS35
- 3 PE-rail, raised on spacers
- 4 Support rail TS35 raised on spacers

- 5 Stainless steel lid screws
- 6 Option: Lid hinge (can be supplied for enclosures series 8146 and 8125)
- 7 Option: Flange (can be mounted on enclosures series 8146 and 8125)



- 8 Large opening for cross-wiring
- 9 Set of gaskets; screwed tightly for optimal IP-protection
- 10 Combination of enclosures

