

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 9 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 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.

Fitting terminals

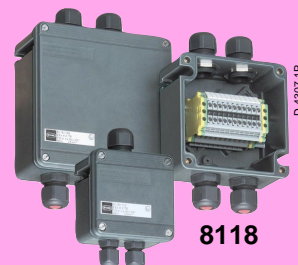
Line-up terminals

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. 240 mm²;
- in terminal boxes for EEx i-circuits: blue line-up terminals with a nominal cross-section of up to 4 mm².

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

STAHL



Zone 1 and Zone 2

