



01730E00

#### Ex e Enclosures Series 8125 and 8146

- Explosion protection to
  - CENELEC
  - IEC
- Can be used
  - in Zone 1 and Zone 2
  - in Zone 21 and Zone 22
- Secure protection for installed components
- Ex e enclosures in different materials
  - Series 8146 in polyester resin
  - Series 8125 in sheet steel, painted or stainless steel
- Fitting to customer's order of enclosure flanges

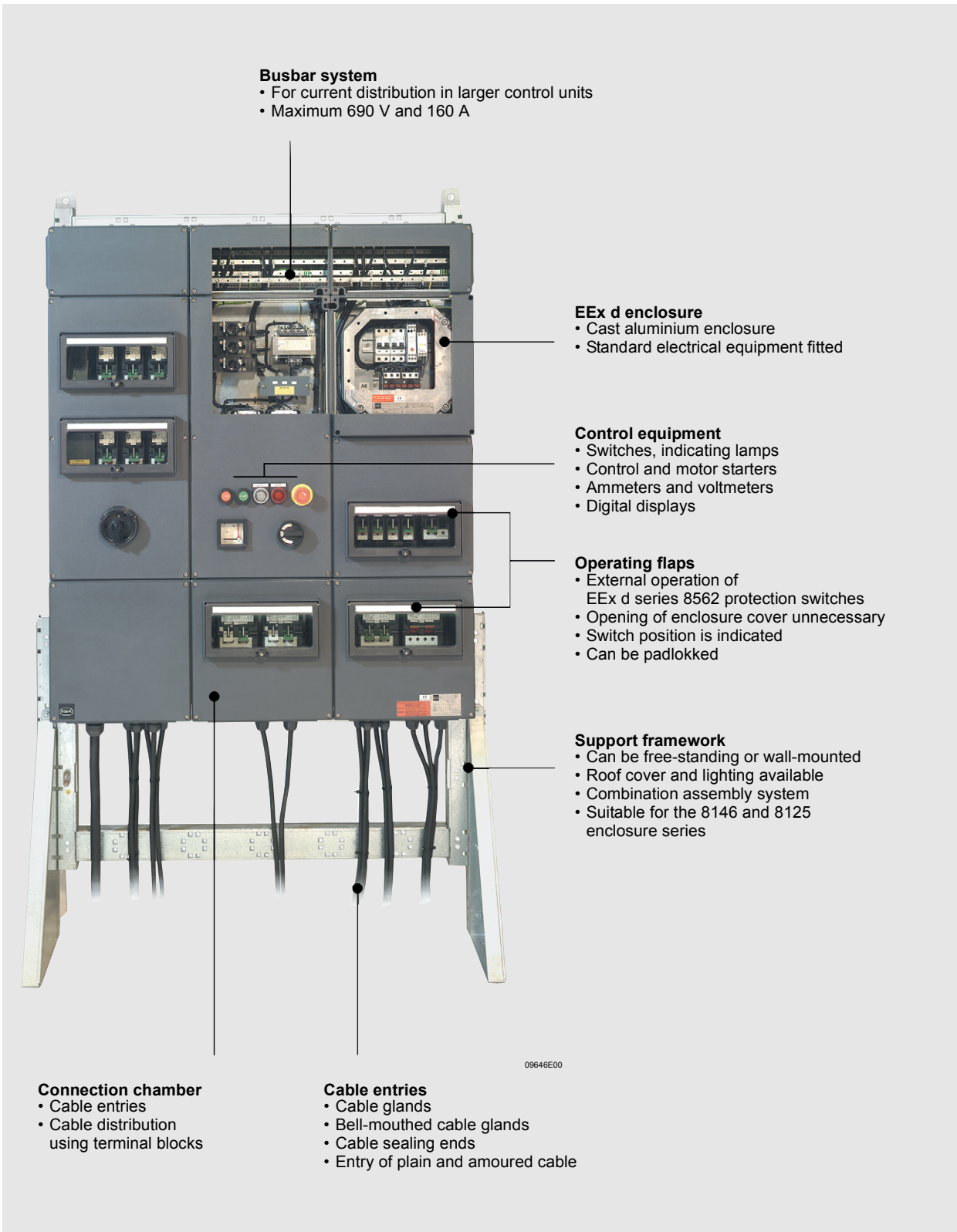
STAHL

Due to its large number of enclosure versions, the 8125 and 8146 series are ideal for the assembly of explosion-protected control and distribution units.

Explosion protection for the units is achieved by fitting components to Ex d "flameproof" standard or Ex e "increased safety" standard.

Individual enclosures can be combined to form larger enclosure units, connected together on adjoining sides with sealing frames.

# Zones 1 & 2, 21 & 22



**Busbar system**

- For current distribution in larger control units
- Maximum 690 V and 160 A

**EEx d enclosure**

- Cast aluminium enclosure
- Standard electrical equipment fitted

**Control equipment**

- Switches, indicating lamps
- Control and motor starters
- Ammeters and voltmeters
- Digital displays

**Operating flaps**

- External operation of EEx d series 8562 protection switches
- Opening of enclosure cover unnecessary
- Switch position is indicated
- Can be padlocked

**Support framework**

- Can be free-standing or wall-mounted
- Roof cover and lighting available
- Combination assembly system
- Suitable for the 8146 and 8125 enclosure series

**Connection chamber**

- Cable entries
- Cable distribution using terminal blocks

**Cable entries**

- Cable glands
- Bell-mouthed cable glands
- Cable sealing ends
- Entry of plain and armoured cable

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