



09807E00

**Standard Applications  
with EEx d Enclosures  
in Light Metal  
Flameproof Encapsulation  
CUBEx Series 8264**

- Control panels
- Distribution panels
- Terminal boxes
- Control stations
- Available standard motor starters
  - Direct-on-line motor starters DOL
  - Star-delta starters YD
  - Reversing starter combinations

STAHL

The recently developed CUBEx control enclosure product line from R. STAHL now makes it possible to combine complex control and distribution panels into comprehensive, space-saving units. Adds a whole new dimension to individualised and flexible solutions for your applications. Other customer-specified control and distribution panel designs are also possible. The CUBEx system increases the flexibility of your applications and ensures that all internationally recognised installation technologies can be employed. All standard, commercially-available electrical equipment can be installed. The space-saving design of this IIB enclosure enables a mounting distance of just 10mm between units. Moreover, flameproof enclosures incorporating "D2D" technology enable the direct connection of Ex d enclosures with one another. No additional connection enclosures or terminal chambers are required.

CUBEx is the logical next step in the development of the IIC technology integrated in the renowned 8220 Series. For use in Group IIB hazardous areas in Zone 1 and Zone 2 or Zone 21 and Zone 22.

# Zones 1 & 2, 21 & 22

**Ex d enclosures flameproof encapsulation**

- Saltwater-proof aluminium enclosure
- Modular enclosure construction with parallel sides to make enclosure combinations easier
- Fitting of commercial electrical equipment
- all outside parts made of stainless steel
- IP66, NEMA 4X standard
- Mounting distance only 10mm
- Recess in the cover to make opening more easy
- Optional: Cover hinge
- Optional: Windows in different sizes
- Rotary drive for switch, MCB and MCCB
- Actuation of pushbuttons
- Bezel for indicating lamp
- Direct leadthrough between flameproof encapsulated enclosures
- Direct and indirect cable entry possible



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**Mounting on support frames possible**

- Hot galvanized steel profile
- For wall-mounting or free-standing
- Available with protective roof for outside assembly or against direct insolation

**Ex e enclosures increased safety**

- Enclosures made of sheet steel or stainless steel
- 6 basic sizes
- Enclosures can be combined
- Fitting of separately certified components, e.g.: pushbuttons, indicating lamps
- Used as connection chamber with cable entries and terminals

**Cable entries**

- Indirect entries through Ex e enclosures
  - Cable glands
  - Bell mouthed glands
- Entries also for armoured cable

