

# Enclosures for explosive atmospheres

## Introduction

PB601817-54



### > Industrial environments, equipment rooms

#### Spacial S3DEX steel enclosure

- The **Spacial S3DEX steel enclosure** is certified by the LCIE with no. LCIE 02ATEX0037U (component certification).
- Ten sizes: from 300 x 200 x 150 mm to 1000 x 800 x 300 mm.
- Degree of protection: IP66.
- Ambient temperature limits:  $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$ .
- Resistance to external mechanical impacts: IK10.
- Structured finish, epoxy-polyester powder paint, RAL 7035 grey colour.

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### > Laboratories, agri-business industry, specific hygiene and corrosion demands

#### Spacial S3EX stainless-steel enclosure

- The **Spacial S3EX stainless-steel enclosure** is certified by the LOM with no. LOM 09ATEX3068U (component certification).
- Seven sizes: from 300 x 200 x 150 mm to 1000 x 800 x 300 mm.
- Degree of protection: IP66.
- Ambient temperature limits:  $-25^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .
- Resistance to external mechanical impacts: IK10.
- Scotch-Brite® brushed finish.

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### > Seaside, petrochemical, severely corrosive environments

#### Thalassa PLMEX polyester enclosure

- The **Thalassa PLMEX polyester enclosure** is certified by the LOM with no. LOM 10ATEX3051U (component certification).
- Seven sizes: from 308 x 255 x 164 mm to 1056 x 852 x 350 mm.
- Degree of protection: IP66.
- Ambient temperature limits:  $-25^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ .
- Resistance to external mechanical impacts: IK10.
- Black colour.

## [!] In accordance with the ATEX directive

- The enclosures bear the marking shown page 569.
- The enclosures offer a degree of protection of IP66 according to EN 60629, reaching the highest dust protection according to ATEX standards.
- The certification of our production sites and inspection procedures guarantees the observance and regularity of the quality level.

Protective of all applications in ATEX II2 or II3 areas –surface installations with occasional or accidental – thanks to ATEX-certified steel, stainless-steel and polyester enclosures.