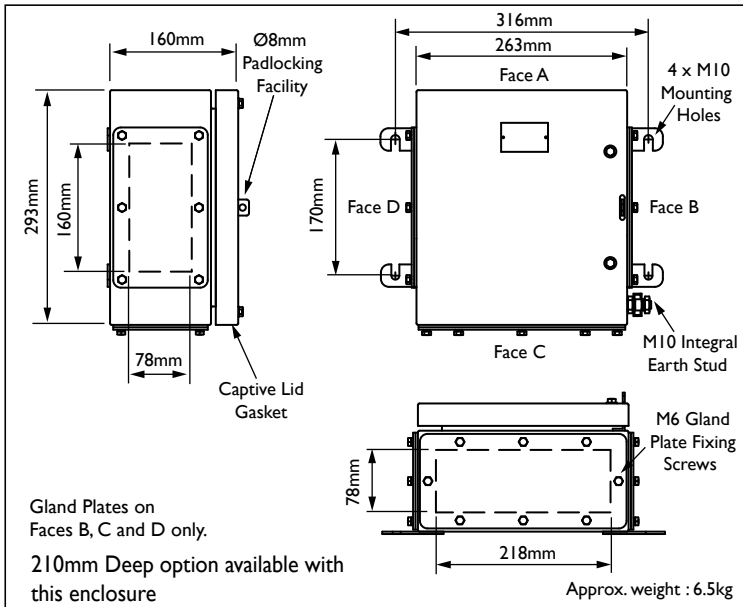




# Enclosure Type Stainless Steel Size 2

Increased Safety EExe

S Series Stainless Steel Enclosures



### MAXIMUM QUANTITY OF ENTRIES PER FACE

| Thread Size               | M16 | M20/O | M20/A | M25 | M32 | M40 | M50 |
|---------------------------|-----|-------|-------|-----|-----|-----|-----|
| Bottom Face C Quantity    | 17# | 17#   | 12    | 6   | 4   | 3   | 2*  |
| Side Faces B & D Quantity | 11# | 11#   | 8     | 4   | 2   | 2   | 1*  |

# Serrated Washers/Locknuts with large outside diameters may foul on adjacent glands.

\* Serrated Washers/Locknuts must not foul on aperture wall.

**Note:** For Cable Entry Positions see page 32.

### Technical Data

- Increased Safety EExe.  $\text{Ex} \text{ II } 2 \text{ GD EExe II}$ .
- SIZE 2 BASEEFA Certificate No. BAS 01 ATEX 2106X.
- ZSIZE 2 BASEEFA Certificate No. BAS 01 ATEX 2105U.
- Suitable for use in Zone 1, Zone 2, Zone 21 & Zone 22.
- Construction and test standards EN 50014, EN 50019 and EN 50281-1-1. IEC 60079-0 and IEC 60079-7.
- IP66 ingress protection to IEC 60529 and EN 60529.
- DTS01 deluge protection witnessed by EECS.
- Operating temperature range -40°C to +80°C.
- Temperature Class and Ambient T6 40°C. Optional T5 with ambients up to 65°C.
- Assembly instruction data sheet No. A.I. 266. For SIZE 2.
- Assembly instruction data sheet No. A.I. 267. For ZSIZE 2.
- 210mm deep option available.
- Alternative Certification Options Available.
  - Exe II.
  - AExe II/Exe II.

**For full Technical Specification see page 35.**

### TERMINAL CAPACITY DATA

| Terminal Type | Conductor Size (mm <sup>2</sup> ) |      | Max. Volts | Max. Physical Terminal Content |      | Reduced Terminal Content at Max. Terminal Amps |      |
|---------------|-----------------------------------|------|------------|--------------------------------|------|--|------|
|               | Min.                              | Max. |            | Terminal Quantity              | Amps | Terminal Quantity                              | Amps |
| WDU 2.5       | 0.5                               | 2.5  | 550        | 60                             | 9    | 12   | 21   |
| WDU 4         | 0.5                               | 4    | 750        | 50                             | 13   | 11   | 28   |
| WDU 6         | 0.5                               | 6    | 550        | 42                             | 17   | 10   | 36   |
| WDU 10        | 1.5                               | 10   | 550        | 36                             | 24   | 8  | 50   |
| WDU 16        | 1.5                               | 16   | 550        | 28                             | 34   | 7  | 66   |
| WDU 35        | 2.5                               | 35   | 750        | 20                             | 60   | 6  | 109  |
| WDU 70N       | 10                                | 70   | 750        | 8                              | 117  | 3  | 167  |
| WFF 35        | 2.5                               | 35   | 1100       | 6                              | 107  | 5  | 109  |

**Notes:**  For Junction Box Wattage Factor & Combined Terminal Resistance see pages 37 - 39.

The box is supplied with an integral internal/external earth stud assembly.

WFF terminals are supplied fitted with cover.