

8150/0-0400-0400-150-3321 Art. No. 222721



- Can be used as a terminal or control box
- Corrosion-resistant, low-maintenance, 1.4404 stainless steel
- Can be combined to form a large unit thanks to the modular design of the enclosures

### MY R. STAHL 8150C

The R. STAHL Series 8150 Ex e enclosure offers reliable protection for the components installed in it for use as a terminal or control box. It is made of stainless steel, meaning that it is extremely robust and corrosion-resistant, and it requires only minimal maintenance. Thanks to the module structure, they can be combined with each other to form larger units.

## Technical Data

### Explosion Protection

|                                 |  |
|---------------------------------|--|
| Area of application             | European Union (ATEX)<br>IECEX   |
| Application range (zones)       | 1, 2, 21, 22   |
| IECEX gas explosion protection  | Ex eb IIC Gb   |
| IECEX dust explosion protection | Ex tb IIIC Db  |
| ATEX gas explosion protection   | Ⓔ II 2 G Ex eb IIC Gb  |
| ATEX dust explosion protection  | Ⓔ II 2 D Ex tb IIIC Db   |
| Certificates                    | ATEX (PTB), Brazil (ULB), Canada / USA (UL), China (NEPSI), IECEX (PTB)  |
| Notes                           | Product label may vary. Series devices are labelled with ATEX and IECEX. |

### Ambient Conditions

|                     |  |
|---------------------|--|
| Ambient temperature | -60 °C ... +100 °C   |
| Ambient temperature | -76 °F ... +212 °F   |
| Storage temperature | The storage temperature corresponds to the ambient temperature |

### Mechanical Data

|                                       |  |
|---------------------------------------|--|
| Degree of protection (IP) (IEC 60529) | IP66                                   |
| Enclosure material                    | Stainless steel 1.4404, Brush finished |
| Silicone-free                         | No                                     |
| Cover fixing type                     | Cam lock, With side A hinge            |
| Cover thickness                       | 2 mm                                   |
| Cover thickness in inches             | 0.079 in                               |
| Wall thickness                        | 1.5 mm                                 |
| Wall thickness in inches              | 0.059 in                               |
| Width                                 | 400 mm                                 |
| Width, inches                         | 15.748 in                              |
| Height                                | 400 mm                                 |
| Height in inches                      | 15.748 in                              |
| Depth                                 | 150 mm                                 |

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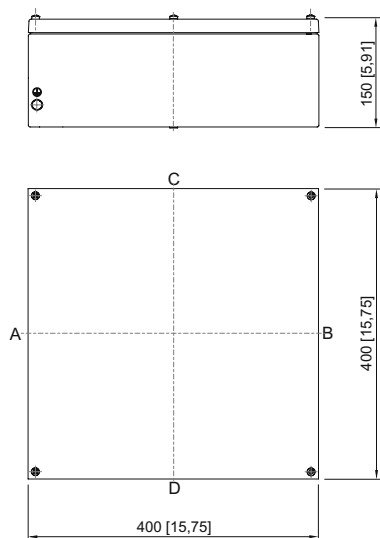
### Mechanical Data

|                             |          |
|-----------------------------|----------|
| Depth in inches             | 5.906 in |
| Impact strength (IEC 60079) | 7 J      |
| Impact strength (IEC 62262) | IK09     |
| Packaging unit              | 1        |
| Weight                      | 12.2 kg  |
| Weight                      | 26.9 lb  |

### Mounting / Installation

|   |          |
|---|----------|
| Tightening torque of cover screw 1 lbf in | 0 lbf in |
|---|----------|

### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.