



- 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

E9

## 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.

|                 | IECEX / ATEX |   |   |    |    |    |
|-----------------|--------------|---|---|----|----|----|
| Zone            | 0            | 1 | 2 | 20 | 21 | 22 |
| Installation in |              | • | • |    | •  | •  |

| Selection Table     |          |                             |                                 |          |         |  |
|---------------------|----------|-----------------------------|---------------------------------|----------|---------|--|
| Ambient temperature |          | -60 °C ... +100 °C          |                                 |          |         |  |
| Ambient temperature |          | -76 °F ... +212 °F          |                                 |          |         |  |
| Cover fixing type   |          | Cam lock, With side A hinge |                                 |          |         |  |
| Height              | Width    | Depth                       | Product Type                    | Art. No. | Weight  |  |
| 400 mm              | 400 mm   | 150 mm                      | 8150/0-0400-0400-150-3321       | 222721   | 12.2 kg |  |
| 400 mm              | 400 mm   | 230 mm                      | 8150/0-0400-0400-230-3321       | 222722   | 13.1 kg |  |
| 400 mm              | 600 mm   | 230 mm                      | 8150/0-0600-0400-230-3321       | 222723   | 16.6 kg |  |
| 600 mm              | 600 mm   | 230 mm                      | 8150/0-0600-0600-230-3321       | 222724   | 19.9 kg |  |
| Ambient temperature |          | -60 °C ... +135 °C          |                                 |          |         |  |
| Ambient temperature |          | -76 °F ... +275 °F          |                                 |          |         |  |
| Cover fixing type   |          | With captive screws         |                                 |          |         |  |
| Height              | Width    | Depth                       | Product Type                    | Art. No. | Weight  |  |
| 176.5 mm            | 176.5 mm | 91 mm                       | 8150/0-0176-0176-091-3311-C1923 | 254055   | 3.7 kg  |  |
| 176.5 mm            | 236.5 mm | 91 mm                       | 8150/0-0236-0176-091-3311-C1924 | 254056   | 4 kg    |  |
| 176.5 mm            | 236.5 mm | 150 mm                      | 8150/0-0236-0176-150-3311-C1925 | 254057   | 4.6 kg  |  |
| 176.5 mm            | 360 mm   | 91 mm                       | 8150/0-0360-0176-091-3311-C1926 | 254058   | 4.9 kg  |  |
| 360 mm              | 360 mm   | 91 mm                       | 8150/0-0360-0360-091-3311-C1927 | 254059   | 6.6 kg  |  |
| 360 mm              | 360 mm   | 150 mm                      | 8150/0-0360-0360-150-3311-C1928 | 254060   | 7.6 kg  |  |
| 400 mm              | 600 mm   | 150 mm                      | 8150/0-0600-0400-150-3311-C1929 | 254061   | 8.9 kg  |  |

| Technical Data       |                                |
|----------------------|--------------------------------|
| Explosion Protection |                                |
| Area of application  | European Union (ATEX)<br>IECEX |

## Technical Data

### Explosion Protection

ATEX gas explosion protection II 2 G Ex eb IIC Gb

ATEX dust explosion protection II 2 D Ex tb IIIC Db

IECEx gas explosion protection Ex eb IIC Gb

IECEx dust explosion protection Ex tb IIIC Db

Certificates Canada / USA (UL)

Notes Product label may vary. Series devices are labelled with ATEX and IECEx.

### Ambient Conditions

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

Impact strength (IEC 60079) 7 J

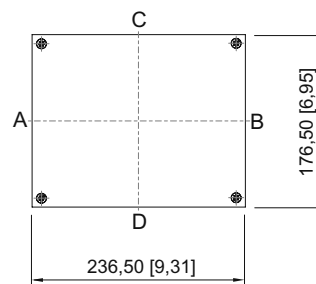
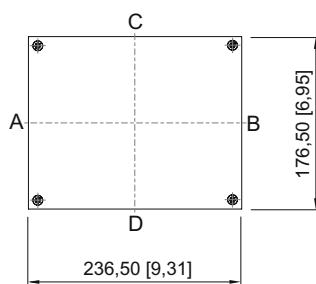
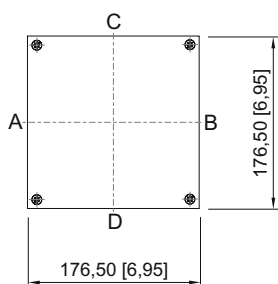
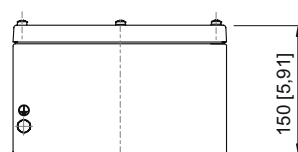
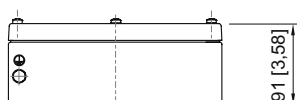
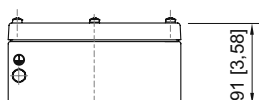
Impact strength (IEC 62262) IK09

Cover thickness 2 mm

Wall thickness 1.5 mm

Packaging unit 1

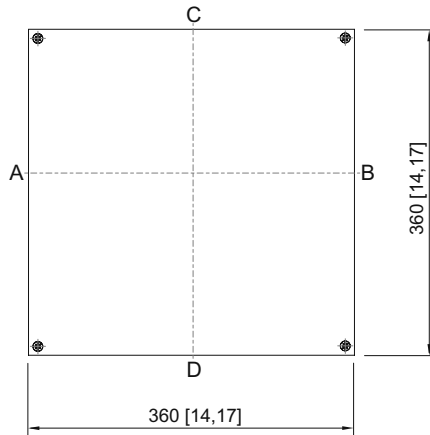
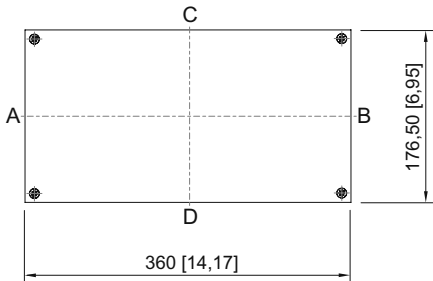
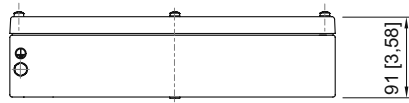
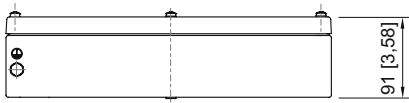
## Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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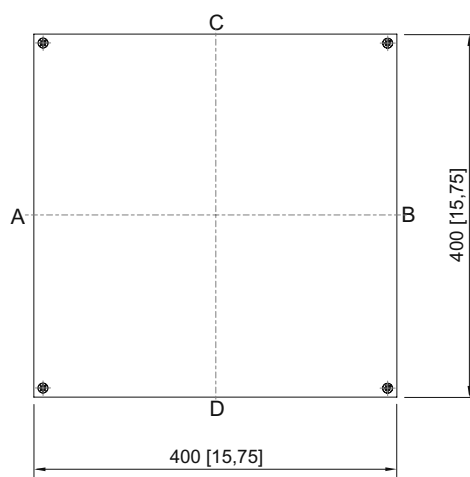
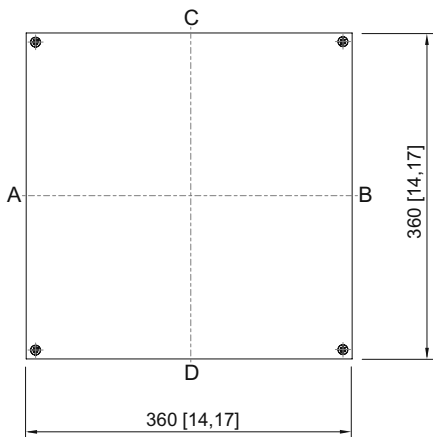
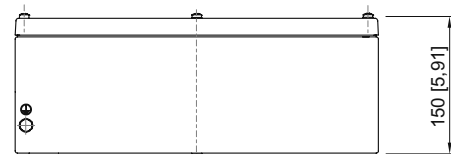
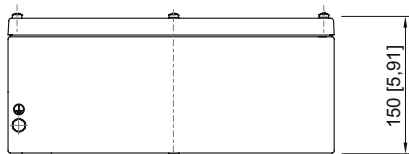
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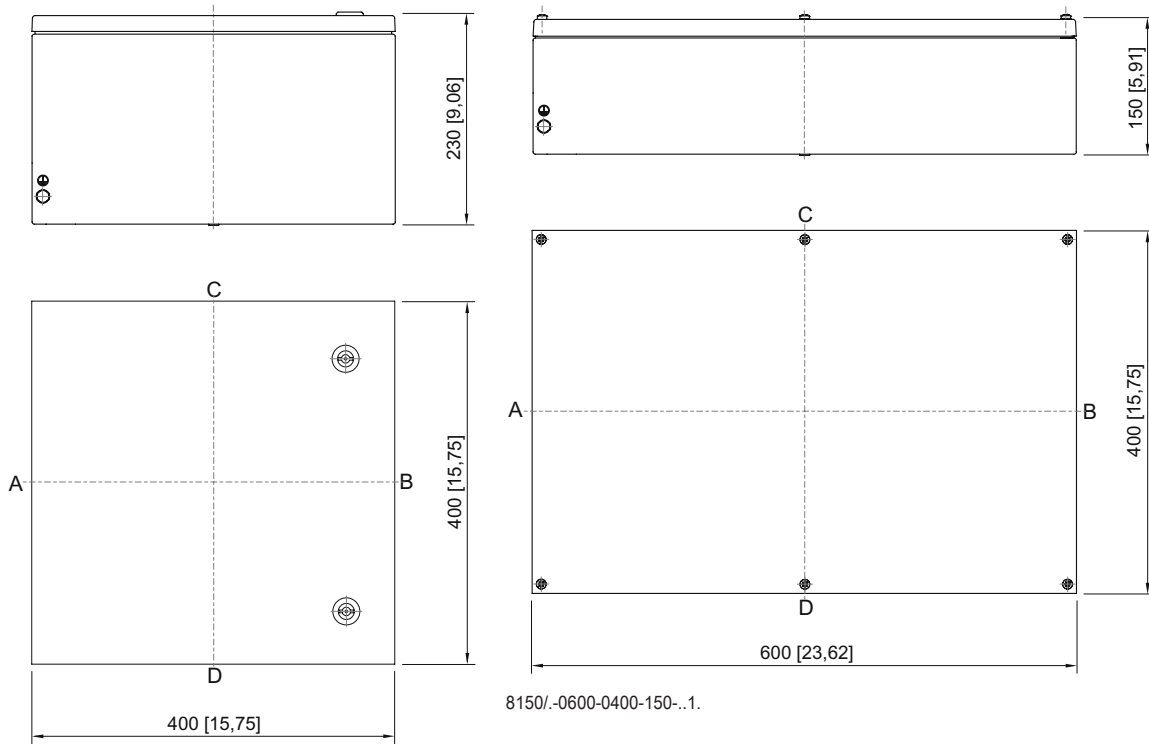
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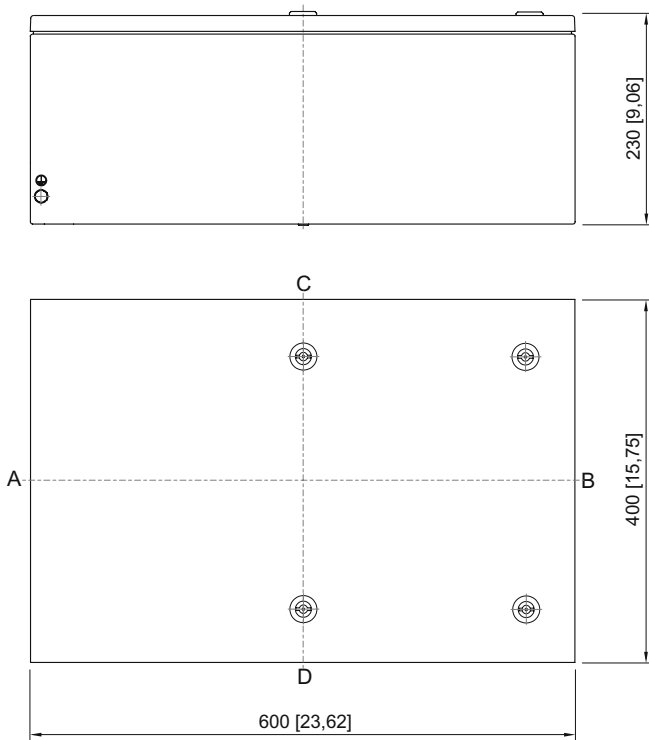
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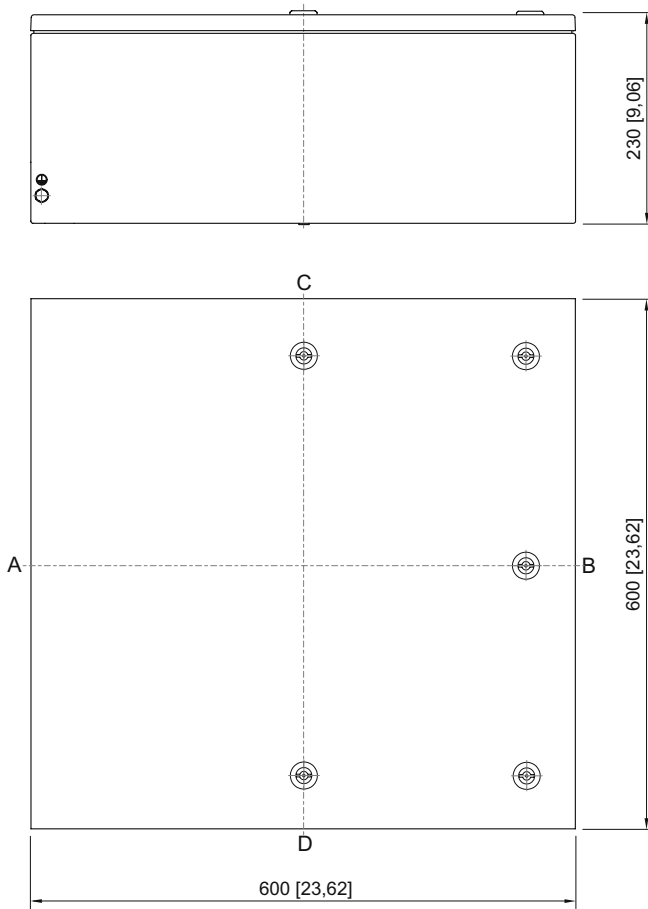
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8150/-0400-0400-230-.2.





8150/-0600-0600-230-..4.