

8150/5-0176-0176-091-3311 Art. No. 206544



- Ex e control boxes made of stainless steel that can be individually equipped
- The cover is either equipped with a hinge (large opening angle, 130°) and cam lock or with a screw-on cover
- Numerous standard sizes in stock

MY R. STAHL 8150B



R. STAHL Series 8150 control and distribution boxes are made of brush-finished stainless steel (1.4301, AISI 304 or 1.4404, AISI 316L) and are extremely robust: High-quality seal materials make them suitable for an extended temperature range, while a circumferential protection channel prevents water ingress. A flange plate simplifies mounting.

Technical Data

Explosion Protection

| | |
|---------------------------------|--|
| Area of application | European Union (ATEX) IECEX |
| Application range (zones) | 1, 2, 21, 22 |
| IECEX gas certificate | IECEX PTB 09.0049 |
| IECEX gas explosion protection | Ex eb IIC T6 ... T4 Gb |
| IECEX dust certificate | IECEX PTB 09.0049 |
| IECEX dust explosion protection | Ex tb IIIC T80 °C ... T130 °C Db |
| ATEX gas certificate | PTB 09 ATEX 1109 |
| ATEX gas explosion protection | ⊕ II 2 G Ex eb IIC T6 ... T4 Gb |
| ATEX dust certificate | PTB 09 ATEX 1109 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb IIIC T80 °C ... T130 °C Db |
| Certificates | ATEX (PTB), Brazil (ULB), Canada (FM), Canada (UL), China (NEPSI), IECEX (PTB), India (PESO), Korea (KGS), Taiwan (ITRI), USA (FM), USA (UL) |
| Ship approval | DNVGL |
| Notes | Product label may vary. Series devices are labelled with ATEX and IECEX. |

Electrical Data

| | |
|------------------------------|---------------------------------------|
| Rated operational voltage AC | 0 ... 1000 V |
| Rated operational current | 0 – 630 A |
| Notes | Depending on the built-in components. |

Ambient Conditions

| | |
|---------------------|---|
| Ambient temperature | -60 °C ... +40 °C (T6) (T80 °C) -60 °C ... +55 °C (T5) (T95 °C) -60 °C ... +70 °C (T4) (T130 °C) |
| Ambient temperature | -76 °F ... +104 °F (T6) (T80 °C) -76 °F ... +131 °F (T5) (T95 °C) -76 °F ... +158 °F (T4) (T130 °C) |

Mechanical Data

| | |
|-------------------------------------|------|
| IP degree of protection (IEC 60529) | IP66 |
|-------------------------------------|------|

8150/5-0176-0176-091-3311 Art. No. 206544

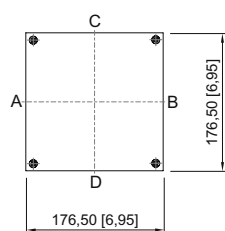
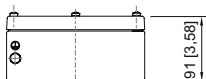
Mechanical Data

| | |
|---------------------------|---|
| Enclosure material | Stainless steel 1.4404, (AISI 316L), brush finished |
| Silicone-free | No |
| Cover fixing type | With captive screws |
| Cover thickness | 2 mm |
| Cover thickness in inches | 0.079 in |
| Wall thickness | 1.5 mm |
| Wall thickness in inches | 0.059 in |
| Total depth H | 106 mm |
| Width | 176.5 mm |
| Width, inches | 6.945 in |
| Height | 176.5 mm |
| Height in inches | 6.945 in |
| Depth | 91 mm |
| Depth in inches | 3.583 in |
| Weight | 2.87 kg |
| Weight | 6.32 lb |

Components

| | |
|-------------------|------------------|
| Flange and plates | Without flange |
| Terminal rail | 35 x 133 mm (1x) |

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



8150/-0176-0176-091-..1.

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.