

8150/5-0360-0360-091-3311 Art. No. 206558



- 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

| | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Scope of validity | 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) |
|---------------------|--------------------------------------------------------------------------------------------------------|

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Ambient Conditions

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

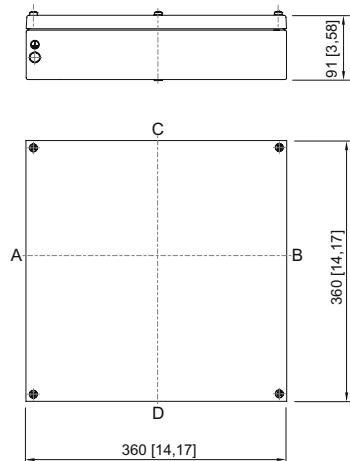
Mechanical Data

| | |
|-------------------------------------|-----------------------------------------------------|
| Degree of protection IP (IEC 60529) | IP66 |
| 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 inch | 0.079 in |
| Wall thickness | 1.5 mm |
| Wall thickness, inches | 0.059 in |
| Total depth H | 106 mm |
| Width | 360 mm |
| Width in inches | 14.173 in |
| Height | 360 mm |
| Height, inches | 14.173 in |
| Depth | 91 mm |
| Depth, inches | 3.583 in |
| Weight | 7.79 kg |
| Weight | 17.17 lb |

Components

| | |
|-------------------|------------------|
| Flange and plates | Without flange |
| Terminal rail | 35 x 301 mm (1x) |

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.