



- Six basic enclosure sizes, optional sight glasses
- International certification, wide temperature range, seawater-resistant enclosure made of light metal
- Empty enclosure
- Customer-specific entries available on request
- For use in Class I, Div. 1 and 2

### MY R. STAHL 8265K



R. STAHL Series 8265 Ex d enclosures are explosion-protected and dust-explosion-protected empty enclosures with global approval. The cover can be opened wide to allow easier access for installing and servicing components inside the enclosure. The cover is also available with a sight glass. R. STAHL can install various different devices in the enclosure, including components which generate arcs and sparks, depending on customer requirements. Ask your R. STAHL representative whether the equipment you require can be installed in the enclosure.

## Technical Data

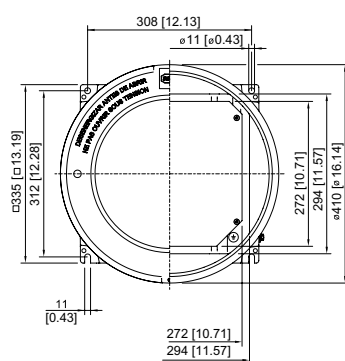
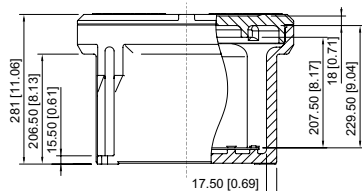
| Explosion Protection            |   |
|---------------------------------|---|
| Application range (zones)       | 1, 2, 21, 22  |
| IECEX gas certificate           | IECEX PTB 07.0027 U   |
| IECEX gas explosion protection  | Ex db eb IIC Gb   |
| IECEX dust certificate          | IECEX PTB 07.0027 U   |
| IECEX dust explosion protection | Ex tb IIIC Db   |
| ATEX gas certificate            | PTB 06 ATEX 1023 U  |
| ATEX gas explosion protection   | Ex II 2 G Ex db eb IIC Gb   |
| ATEX dust certificate           | PTB 06 ATEX 1023 U  |
| ATEX dust explosion protection  | Ex II 2 D Ex tb IIIC Db   |
| Certificate ULus                | E307783   |
| Marking ULus                    | Class I, Div. 1, Groups A,B,C,D<br>Class II,III, Div. 1, E, F, G<br>Class I, Zone 1, Group IIC<br>Enclosure Type 3, 4, 4X |
| Certificate cUL                 | E307783   |
| Marking cUL                     | Class I, Zone 1, Group IIC<br>Class I, Div. 1, Groups A,B,C,D<br>Class II,III, Div. 1, E, F, G<br>Enclosure Type 3, 4, 4X |
| Marking Notes                   | also for installation in Class I, II and III, Div. 2  |
| Certificates                    | ATEX (PTB), Canada / USA (UL), Canada (UL), IECEX (PTB), USA (UL)   |
| Ambient Conditions              |   |
| Ambient temperature °C          | -25 °C ... +50 °C   |
| Ambient temperature °F          | -13°F ... +122°F  |
| Mechanical Data                 |   |
| Degree of protection (IP)       | IP54  |

8265/66-0000 Art. No. 202091

**Mechanical Data**

|                           |  |
|---------------------------|--|
| Degree of protection note | IP66 with silicone O-ring                  |
| Enclosure type (NEMA250)  | 3, 4, 4X                                   |
| Enclosure material        | Aluminium, copper-free, Seawater-resistant |
| Enclosure color           | without                                    |
| Clamping range max.       | 120 mm <sup>2</sup>                        |
| Cover                     | without window                             |
| Version                   | Without entry                              |
| Width                     | 335 mm                                     |
| Width, inches             | 13.19 in                                   |
| Height                    | 281 mm                                     |
| Height in inches          | 11.06 in                                   |
| Length                    | 335 mm                                     |
| Length in inches          | 13.19 in                                   |
| Diameter                  | 410 mm                                     |
| Diameter inch             | 16.14 in                                   |
| Enclosure size            | 6  |
| Weight                    | 27.8 kg                                    |
| Weight                    | 61.35 lb                                   |

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



Enclosure size 6 without inspection window

**Accessories**

**Threaded cover without window**

**Art. No.**



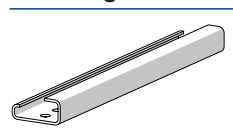
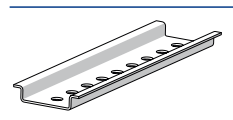
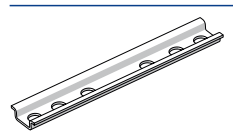
Enclosure: 8265/.6-0000

143476

8265/66-0000 Art. No. 202091

**Mounting rail**

**Art. No.**

|  |  |        |
|--|--|--------|
|  | G32 length: 280 mm [11.02 inch]<br>for size 6 enclosure  | 166450 |
|  | TS35 length: 280 mm [11.02 inch]<br>for size 6 enclosure | 166449 |
|  | TS15 length: 280 mm [11.02 inch]<br>for size 6 enclosure | 166448 |

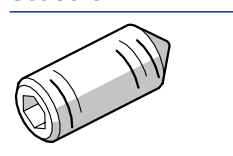
**Mounting plate for 8265 GUB size 6**

**Art. No.**

|  |  |        |
|--|--|--------|
|  | for size 6 enclosure<br>M5 x 8 screws are included in the delivery | 316182 |
|--|--|--------|

**Set screw**

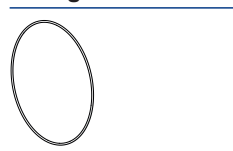
**Art. No.**

|   |   |        |
|---|---|--------|
|  | M5 x 16 mm, stainless steel<br>Allen screw with point to secure the cover | 110216 |
|---|---|--------|

**Spare Parts**

**O-ring**

**Art. No.**

|  |                                |        |
|--|--------------------------------|--------|
|  | Silicone, for size 6 enclosure | 305633 |
|--|--------------------------------|--------|

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.