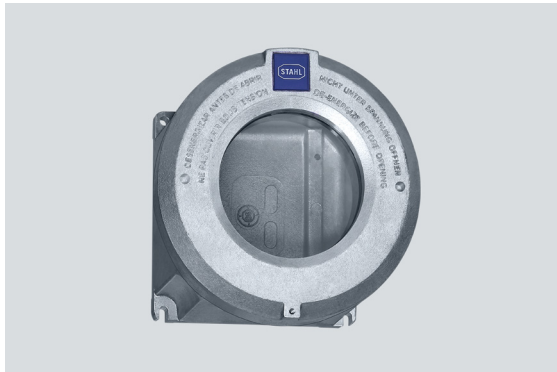




- Six basic enclosure sizes, optional sight glasses
- International certification, wide temperature range, seawater-resistant enclosure made of light metal
- Empty enclosure
- Customer-specific entries available on request
- For use in Class I, Div. 1 and 2

### 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

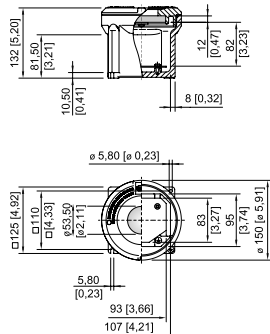
| Explosion Protection            |                                                                                                                           |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 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                 | E114097                                                                                                                   |
| 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 (UL), IECEX (PTB), USA (UL)                                                                            |
| Ambient Conditions              |                                                                                                                           |
| Ambient temperature             | -50 °C ... +50 °C                                                                                                         |
| Ambient temperature             | -58°F ... +122°F                                                                                                          |
| Mechanical Data                 |                                                                                                                           |
| Degree of protection (IP)       | IP54                                                                                                                      |

8265/61-0020 Art. No. 211089

### 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 colour          | without                                    |
| Clamping range max.       | 95 mm <sup>2</sup>                         |
| Cover                     | With inspection window                     |
| Design                    | Without entry                              |
| Width                     | 125 mm                                     |
| Width, inches             | 4.92 in                                    |
| Height                    | 132 mm                                     |
| Height in inches          | 5.2 in                                     |
| Length                    | 125 mm                                     |
| Length in inches          | 4.92 in                                    |
| Diameter                  | 150 mm                                     |
| Diameter inch             | 5.91 in                                    |
| Enclosure size            | 1                                          |
| Weight                    | 2.79 kg                                    |
| Weight                    | 6.14 lb                                    |

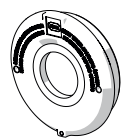
### Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Size 1 enclosure with sight glass

### Accessories

#### Cover with sight glass

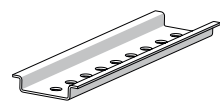


Enclosure: 8265/61-0020  
Visible cut-out in the sight glass dia. 56 mm [2.2 inch]

**Art. No.**

211039

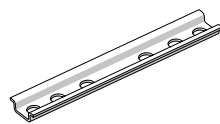
#### Mounting rail



TS35 length: 80 mm [3.15 inch]  
for size 1 enclosure

**Art. No.**

212424



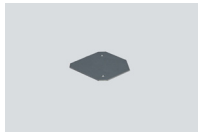
TS15 length: 80 mm [3.15 inch]  
for size 1 enclosure

212425

8265/61-0020 Art. No. 211089

### Mounting plate

Art. No.

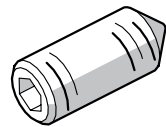


for size 1 enclosure  
M5 x 8 screws are included in the delivery

316167

### Threaded pin

Art. No.

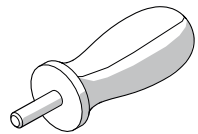


M5x16-A2 with hexagon socket and pointed tip

110216

### Box spanner

Art. No.



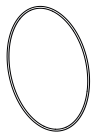
for opening a size 1, 2, 3, 4 enclosure cover  
two box spanners are required

142059

## Spare Parts

### O-ring

Art. No.



Silicone, for size 1 enclosure

305498

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.