

8265/05-0000 Art. No. 143412



- Six basic enclosure sizes, optional inspection windows, direct and indirect cable entry possible
- International certification, wide temperature range, seawater-resistant light-metal enclosure
- Suitable series 8146/8150 connection-chamber enclosures possible

### MY R. STAHL 8265A



R. STAHL series 8265 Ex d enclosures are ideal for motor control units, control boxes and terminal boxes. We equip these with various components, including sparking equipment, according to customer requirements. The cable entry can be direct or indirect. The large cover opening makes commissioning and maintenance easier. Single enclosures are ideal as components in Ex e control systems. Optional, large inspection window possible.

## Technical Data

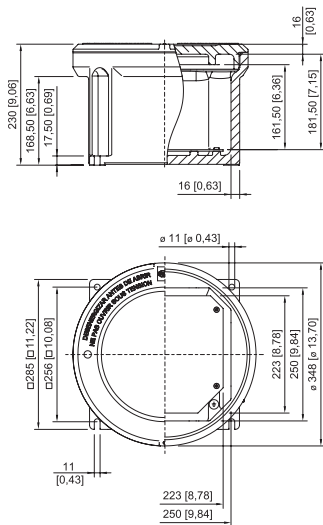
| Explosion Protection            |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| Application range (zones)       | 1, 2, 21, 22                                                                |
| 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                                                     |
| Certificates                    | ATEX (PTB), Brazil (ULB), China (NEPSI), IECEX (PTB), Taiwan (ITRI)         |
| Ship approval                   | DNV                                                                         |
| Declaration of conformity       | Certificate of conformity (ATEX), China (CCC)                               |
| Ambient Conditions              |                                                                             |
| Ambient temperature             | -50 °C ... +60 °C                                                           |
| Ambient temperature             | -58°F ... +140°F                                                            |
| Mechanical Data                 |                                                                             |
| Degree of protection (IP)       | IP54                                                                        |
| Note on degree of protection    | IP66 with O-ring silicone -60 °C ... +60 °C                                 |
| Enclosure material              | Aluminium, copper-free, Seawater-resistant                                  |
| Enclosure colour                | without                                                                     |
| Material note                   | Where there will be direct contact with seawater, a coating is recommended. |
| Clamping range max.             | 120 mm <sup>2</sup>                                                         |
| Cover                           | Closed                                                                      |
| Design                          | Without entry                                                               |
| Width                           | 285 mm                                                                      |
| Width, inches                   | 11.22 in                                                                    |

8265/05-0000 Art. No. 143412

### Mechanical Data

|                  |          |
|------------------|----------|
| Height           | 230 mm   |
| Height in inches | 9.06 in  |
| Length           | 285 mm   |
| Length in inches | 11.22 in |
| Diameter         | 348 mm   |
| Enclosure size   | 5        |
| Weight           | 18.3 kg  |
| Weight           | 40.34 lb |

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



Size 5 enclosure without sight glass

### Accessories

#### Cover without sight glass

#### Art. No.

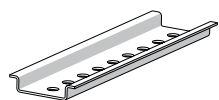


Enclosure: 8265/.5-0000

143474

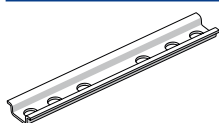
#### Mounting rail

#### Art. No.



TS35 length: 218 mm [8.58 inch]  
for size 5 enclosure

212426

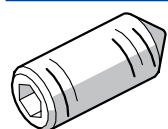


TS15 length: 218 mm [8.58 inch]  
for size 5 enclosure

212427

#### Threaded pin

#### Art. No.



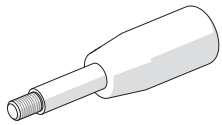
M5x16-A2 with hexagon socket and pointed tip

110216

8265/05-0000 Art. No. 143412

### Box spanner

### Art. No.



for opening a size 5, 6 enclosure cover  
two box spanners are required

221927

## Spare Parts

### Mounting plate

### Art. No.

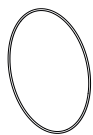


for size 5 enclosure  
M5 x 8 screws are not included in the delivery

143487

### O-ring

### Art. No.



Silicone, for size 5 enclosure

305632

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.