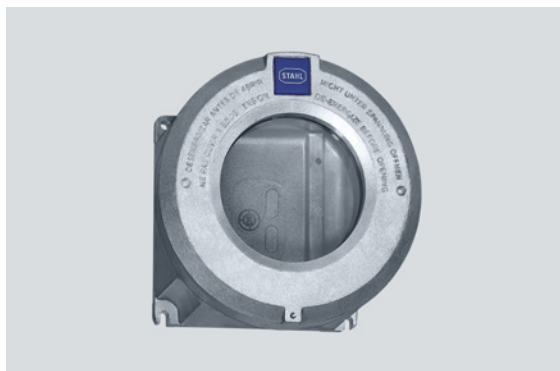


8265/63-0020 Art. No. 165782



- 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

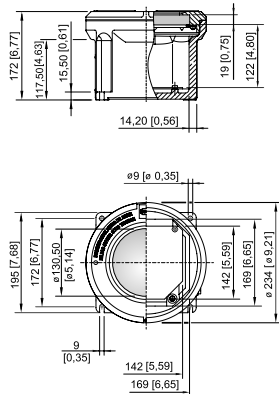
| Explosion Protection | |
|---------------------------------|---|
| Application range (zones) | 1, 2, 21, 22 |
| IECEX gas certificate | IECEX PTB 07.0027 U |
| IECEX gas explosion protection | Ex db eb IIC Gb |
| IECEX dust certificate | IECEX PTB 07.0027 U |
| IECEX dust explosion protection | Ex 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 Class II,III, Div. 1, E, F, G Class I, Zone 1, Group IIC Enclosure Type 3, 4, 4X |
| Certificate cUL | E307783 |
| Marking cUL | Class I, Zone 1, Group IIC Class I, Div. 1, Groups A,B,C,D Class II,III, Div. 1, E, F, G 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 | -50 °C ... +50 °C |
| Ambient temperature | -58 °F ... +122 °F |
| Mechanical Data | |
| Degree of protection (IP) | IP54 |

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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 ² |
| Cover | With inspection window |
| Design | Without entry |
| Width | 195 mm |
| Width, inches | 7.68 in |
| Height | 172 mm |
| Height in inches | 6.77 in |
| Length | 195 mm |
| Length in inches | 7.68 in |
| Diameter | 234 mm |
| Diameter inch | 9.21 in |
| Enclosure size | 3 |
| Weight | 7 kg |
| Weight | 15.43 lb |

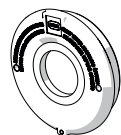
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Size 3 enclosure with sight glass

Accessories

Cover with sight glass

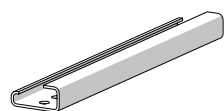


Enclosure: 8265/63-0020
Visible cut-out in the sight glass dia. 136 mm [5.35 inch]

Art. No.

143455

Mounting rail

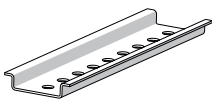
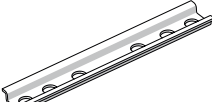


G32 length: 133 mm [5.24 inch]
for size 3 enclosure

Art. No.


137939

8265/63-0020 Art. No. 165782

| | | |
|--|---|--------|
|  | TS35 length: 133 mm [5.24 inch] for size 3 enclosure | 137970 |
|  | TS15 length: 133 mm [5.24 inch] for size 3 enclosure | 137902 |

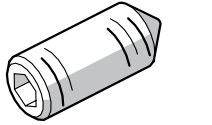
Mounting plate

Art. No.

| | | |
|--|--|--------|
|  | for size 3 enclosure M5 x 8 screws are included in the delivery | 316169 |
|--|--|--------|

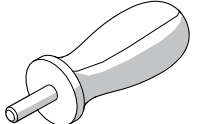
Threaded pin

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 enclosure size 3 | 305500 |
|--|--------------------------------|--------|

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.