

8265/61-0000 Art. No. 211114



- 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

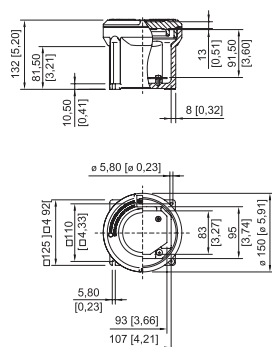
Explosion Protection	
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 07.0027 U
IECEX gas explosion protection	Ex db eb IIC Gb
IECEX dust certificate	IECEX PTB 07.0027 U
IECEX dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 06 ATEX 1023 U
ATEX gas explosion protection	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	E114097
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 (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 <sup>2</sup>
Cover	Closed
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	6.1 lb

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



Size 1 enclosure without sight glass

**Accessories**

**Cover without sight glass**

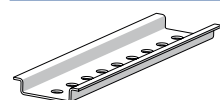


Enclosure: 8265/.1-0000

**Art. No.**

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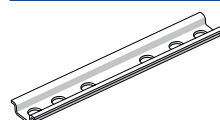
**Mounting rail**



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

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### Mounting plate

Art. No.

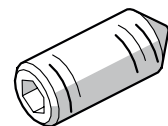


for size 1 enclosure  
M5 x 8 screws are included in the delivery

316167

### Threaded pin

Art. No.

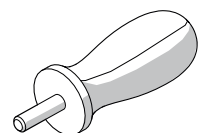


M5x16-A2 with hexagon socket and pointed tip

110216

### Box spanner

Art. No.



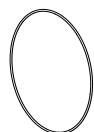
for opening a size 1, 2, 3, 4 enclosure cover  
two box spanners are required

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.