

8265/64-0000 Art. No. 165780



- 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

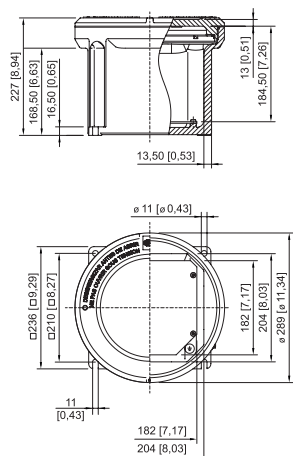
Explosion Protection	
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX PTB 07.0027 U
IECEX gas explosion protection	Ex db eb IIC Gb
IECEX dust certificate	IECEX PTB 07.0027 U
IECEX dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 06 ATEX 1023 U
ATEX gas explosion protection	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	-25 °C ... +50 °C
Ambient temperature	-13°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	236 mm
Width, inches	9.29 in
Height	227 mm
Height in inches	8.94 in
Length	236 mm
Length in inches	9.29 in
Diameter	289 mm
Diameter inch	11.38 in
Enclosure size	4
Weight	23.46 lb


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



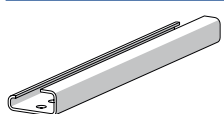
Size 4 enclosure without sight glass

**Accessories**

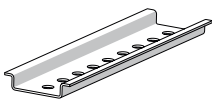
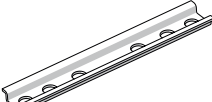
**Cover without sight glass**

	Enclosure: 8265/.4-0000	<b>Art. No.</b> 143472
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**Mounting rail**


	G32 length: 189 mm [7.44 inch] for size 4 enclosure	<b>Art. No.</b> 137945
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	TS35 length: 189 mm [7.44 inch] for size 4 enclosure	137976
	TS15 length: 189 mm [7.44 inch] for size 4 enclosure	137908

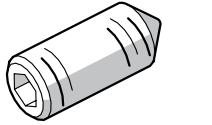
**Mounting plate**

**Art. No.**

	for size 4 enclosure M5 x 8 screws are included in the delivery	316170
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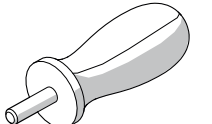
**Threaded pin**

**Art. No.**

	M5x16-A2 with hexagon socket and pointed tip	110216
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**Box spanner**

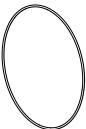
**Art. No.**

	for opening a size 1, 2, 3, 4 enclosure cover two box spanners are required	142059
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**Spare Parts**

**O-ring**

**Art. No.**

	Silicone, for size 4 enclosure	305631
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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.