COMPONENTS FOR SYSTEM SOLUTIONS

Product	Installation in Zone						Series	Page	WebCode
	0	1	2	20	21	22			
Ex d Technology Flameproof Enclosure Ex d Enclosures									
Light-Metal Ex d Enclosures Flameproof Enclosure		•	•		•	•	8265	641	8265A

For additional products and information please refer to r-stahl.com

Light-Metal Ex d Enclosures
Series 8265 Flameproof Enclosure

STAHL
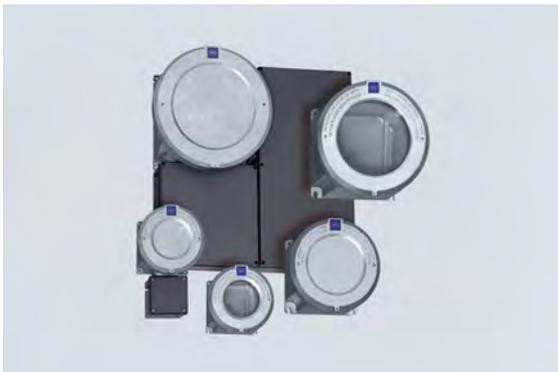
- For use with sparking and non-sparking equipment in Zones 1 and 2
- Six basic enclosure sizes, optional inspection windows, direct and indirect cable entry possible
- International certification, wide temperature range, seawater-resistant light-metal enclosure
- Suitable series 8146/8150 connection-chamber enclosures possible

WebCode 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.

	ATEX / IECEx					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table

Cover		Closed					
Enclosure size	Width	Height	Length	Product Type	Art. No.	PS	Weight kg
1	125 mm	132 mm	125 mm	8265/01-0000	211112	13	2.750
2	155 mm	132 mm	155 mm	8265/02-0000	143409	13	3.850
5	285 mm	230 mm	285 mm	8265/05-0000	143412	13	18.300
Cover		With inspection window					
Enclosure size	Width	Height	Length	Product Type	Art. No.	PS	Weight kg
3	195 mm	172 mm	195 mm	8265/03-0010	143415	13	6.630
4	236 mm	227 mm	236 mm	8265/04-0010	143416	13	11.130
6	335 mm	281 mm	335 mm	8265/06-0010	143418	13	28.800

Technical Data

Explosion Protection	
IECEx gas explosion protection	Ex db IIC Gb
IECEx dust explosion protection	Ex tb IIIC Db
ATEX gas explosion protection	⟨Ex⟩ II 2 G Ex db IIC Gb
ATEX dust explosion protection	⟨Ex⟩ II 2 D Ex tb IIIC Db
Certificates	ATEX (PTB), Brazil (ULB), EAC (CCVE), IECEx (PTB), India (PESO), Taiwan (ITRI)
Notes	Product label may vary. Series devices have certification according to ATEX and IECEX.
Electrical Data	
Rated operational voltage max. AC	1000 V

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COMPONENTS FOR SYSTEM SOLUTIONS

Technical Data	
Electrical Data	
Notes	depending on terminal types and explosion-protected components used
Ambient Conditions	
Ambient temperature	-50 °C ... +60 °C
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
Material note	Where there will be direct contact with seawater, a coating is recommended.

Dimensional Drawings on the Internet r-stahl.com

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