

8265/03-0000 Art. No. 143410



- 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.

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 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 IIC Gb
ATEX dust certificate	PTB 06 ATEX 1023 U
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
EAC certificate	TS RU S-DE.GB04.B.00111
EAC gas explosion protection	Ex d IIC U Ex de IIC U
EAC dust explosion protection	Ex tD A21 IP66
Certificates	ATEX (PTB), Brazil (ULB), EAC (CCVE), IECEX (PTB), Taiwan (ITRI)
Ship approval	DNVGL

Electrical Data

Rated operational voltage max. AC	1000 V
Rated operational current	160 A

Ambient Conditions

Ambient temperature	-50 °C ... +60 °C
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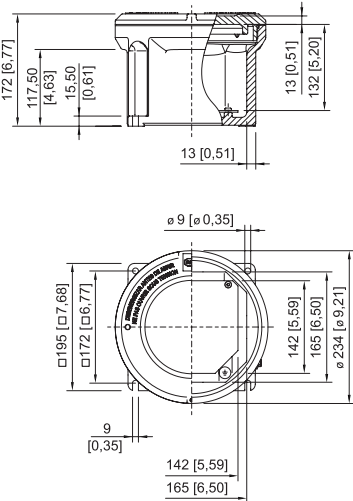
Mechanical Data

Degree of protection (IP)	IP54
Note on degree of protection	IP66 with O-ring silicone -60 °C ... +60 °C

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Mechanical Data	
Enclosure material	Aluminium, copper-free, Seawater-resistant
Clamping range max.	95 mm²
Cover	Closed
Design	Without entry
Width	195 mm
Height	172 mm
Length	195 mm
Enclosure colour	Without
Enclosure size	3
Material note	Where there will be direct contact with seawater, a coating is recommended.
Weight	6.58 kg
Weight	14.51 lb

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



Enclosure size 3 without inspection window

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.