



- 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

MY R. STAHL 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 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
Certificates	ATEX (PTB), Brazil (ULB), China (NEPSI), IECEX (PTB), Taiwan (ITRI)
Ship approval	DNV
Declaration of Conformity	Certificate of conformity (ATEX), China (CCC)

Ambient Conditions

Ambient temperature	-50 °C ... +60 °C
Ambient temperature	-58°F ... +140°F

Mechanical Data

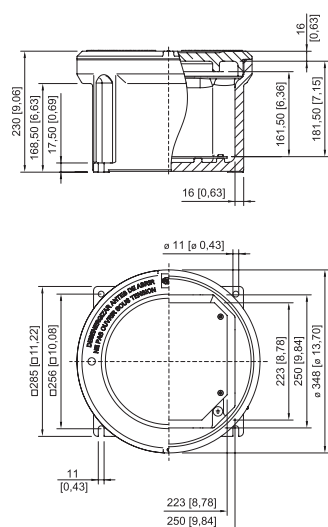
Degree of protection (IP)	IP54
Note on degree of protection	IP66 with O-ring silicone -60 °C ... +60 °C
Enclosure material	Aluminium, copper-free, Seawater-resistant
Enclosure colour	without
Material note	Where there will be direct contact with seawater, a coating is recommended.
Clamping range max.	120 mm ²
Cover	Closed
Design	Without entry
Width	285 mm
Width, inches	11.22 in

8265/05-0000 Art. No. 143412

Mechanical Data

Height	230 mm
Height in inches	9.06 in
Length	285 mm
Length in inches	11.22 in
Diameter	348 mm
Enclosure size	5
Weight	18.3 kg
Weight	40.34 lb

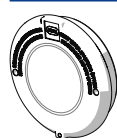
Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



Size 5 enclosure without sight glass

Accessories

Cover without sight glass

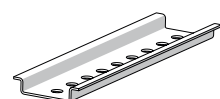


Enclosure: 8265/.5-0000

Art. No.

143474

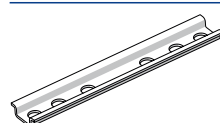
Mounting rail



TS35 length: 218 mm [8.58 inch]
for size 5 enclosure

Art. No.

212426

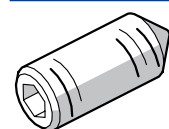


TS15 length: 218 mm [8.58 inch]
for size 5 enclosure

Art. No.

212427

Threaded pin



M5x16-A2 with hexagon socket and pointed tip

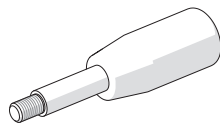
Art. No.

110216

8265/05-0000 Art. No. 143412

Box spanner

Art. No.



for opening a size 5, 6 enclosure cover
two box spanners are required

221927

Spare Parts

Mounting plate

Art. No.



for size 5 enclosure
M5 x 8 screws are not included in the delivery

143487

O-ring

Art. No.



Silicone, for size 5 enclosure

305632

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.