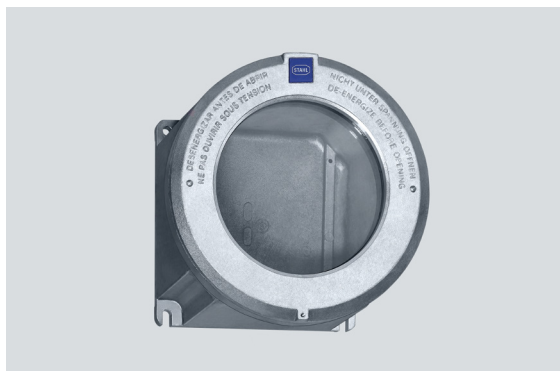


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- Six basic enclosure sizes, optional inspection windows, direct and indirect cable entry possible
- International certification, wide temperature range, seawater-resistant light-metal enclosure
- Suitable series 8146/8150 connection-chamber enclosures 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) |
| 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

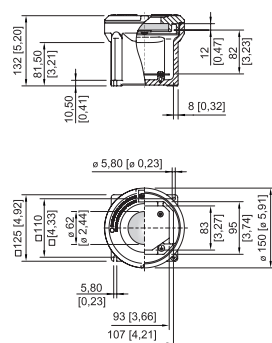
| | |
|------------------------------|---|
| Degree of protection (IP) | IP54 |
| Note on degree of protection | IP66 with O-ring silicone -60 °C ... +60 °C |
| Enclosure material | Aluminium, copper-free, Seawater-resistant |
| Enclosure colour | without |
| Material note | Where there will be direct contact with seawater, a coating is recommended. |
| Clamping range max. | 95 mm ² |
| Cover | With inspection window |
| Design | Without entry |
| Width | 125 mm |
| Width, inches | 4.92 in |
| Height | 132 mm |

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Mechanical Data

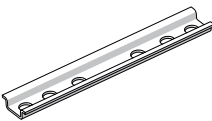
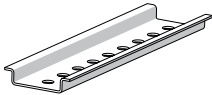
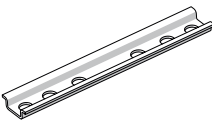
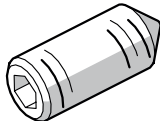
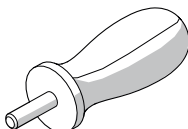
| | |
|------------------|---------|
| Height in inches | 5.2 in |
| Length | 125 mm |
| Length in inches | 4.92 in |
| Diameter | 150 mm |
| Diameter inch | 5.91 in |
| Enclosure size | 1 |
| Weight | 2.77 kg |
| Weight | 6.11 lb |

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



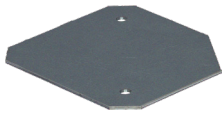

Size 1 enclosure with sight glass

Accessories

| | | Art. No. |
|--|--|----------|
| Mounting rail | | |
|  | TS15 length: 90 mm [3.54 inch], diagonal for size 1 enclosure | 212338 |
|  | TS35 length: 90 mm [3.54 inch], diagonal for size 1 enclosure | 212339 |
| | TS35 length: 80 mm [3.15 inch] for size 1 enclosure | 212424 |
|  | TS15 length: 80 mm [3.15 inch] for size 1 enclosure | 212425 |
| Threaded pin | | |
|  | M5x16-A2 with hexagon socket and pointed tip | 110216 |
| Box spanner | | |
|  | for opening a size 1, 2, 3, 4 enclosure cover two box spanners are required | 142059 |

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Spare Parts

| | | Art. No. |
|--|--|----------|
|  | for size 1 enclosure M5 x 8 screws are not included in the delivery | 208862 |
|  | 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.