

8174/105-0418-63 Art. No. 217649



- Power supply in Ex d enclosures
- One to 72 cores are combined in one conductor bushing
- Versions: Screwable, pluggable
- For voltages up to max. 1000 V
- For conductor cross-sections up to 70 mm²

MY R. STAHL 8174A



The conductor bushings are used to connect the conductors between enclosures with the "flame-proof" and "increased safety" types of protection. The cores are moulded with high-quality, leakage-current-resistant PU resin, meaning that they are insulated from the enclosure wall.

Technical Data

Explosion Protection

| | |
|--------------------------------|---------------------------------------|
| Application range (zones) | 1, 2 |
| IECEX gas certificate | IECEX PTB 06.0081U |
| IECEX gas explosion protection | Ex db IIC Gb |
| IECEX firedamp protection | Ex db I Mb |
| ATEX gas explosion protection | Ⓔ II 2 G Ex db IIC Gb |
| ATEX firedamp protection | Ⓔ I M2 Ex db I Mb |
| Certificates | ATEX (PTB), China (CQST), IECEX (PTB) |

Electrical Data

| | |
|------------------------------|--------|
| AC rated operational voltage | 1000 V |
| Rated operational current | 103 A |
| Rated operational current | 103 A |

Ambient Conditions

| | |
|---------------------|-------------------|
| Ambient temperature | -40 °C ... +80 °C |
|---------------------|-------------------|

Mechanical Data

| | |
|------------------------------|--------------------|
| Ex d conductor length | 600 mm |
| Ex e conductor length | 1300 mm |
| Min. conductor cross section | 35 mm ² |
| Number of core ends | 4 |
| Thread size | M48 |
| Thread pitch | 1,5 |
| Cable colour | Black |
| Weight | 3.1 kg |
| Weight | 6.83 lb |

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Accessories

Jam nut

Art. No.



M48 x 1.5

108379

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.