

8174/205-0309-33 Art. No. 139909



- 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 mm<sup>2</sup>

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	750 V
Rated operational current	103 A
Rated operational current	103 A

#### Ambient Conditions

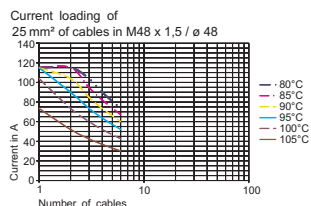
Ambient temperature	-40 °C ... +110 °C
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#### Mechanical Data

Socket diameter	ø 48
Ex d conductor length	1300 mm
Ex e conductor length	1300 mm
Min. conductor cross section	35 mm <sup>2</sup>
Number of core ends	3
Thread size	M56
Thread pitch	1,5
Cable colour	Black
Weight	1.95 kg
Weight	4.3 lb

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### Technical Drawings – Subject to Alterations



## Accessories

### Cheese-head screw



M4 x 6  
Three cheese-head screws are required per stopping plug or threaded piece

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109806

### Split washer

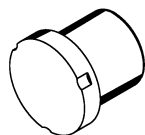


M4  
Three split washers are required per stopping plug or threaded piece

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252066

### Stopping plugs

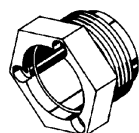


for sealing unused threaded pieces  
Note: Please order cheese-head screws and split washers separately  
Dia. 48 mm, M56 x 1.5

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139740

### Threaded piece



Note: Please order cheese-head screws and split washers separately  
for pluggable conductor bushings 8174/2  
Drilled hole diameter dia. 48 mm  
Screw-in thread M56 x 1.5

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140049

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.