

8174/103-0304-0503-69 Art. No. 139692



- 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 certificate	IECEX PTB 06.0081U
IECEX firedamp protection	Ex db I Mb
ATEX gas certificate	PTB 01 ATEX 1065 U
ATEX gas explosion protection	Ex II 2 G Ex db IIC Gb
ATEX firedamp certificate	PTB 01 ATEX 1065 U
ATEX firedamp protection	Ex I M2 Ex db I Mb
Certificates	ATEX (PTB), China (CQST), IECEX (PTB)

Electrical Data

Rated operational voltage AC	750 V
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Ambient Conditions

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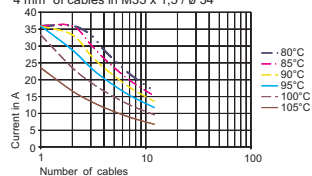
Mechanical Data

Ex d conductor length	600 mm
Ex e conductor length	300 mm
Min. conductor cross section	4 mm ²
Min. conductor cross section 2	2.5 mm ²
Number of core ends	3
Number of core ends 2	5
Thread size	M33
Thread pitch	1,5
Cable colour	Black
Cable colour 2	Black
Weight	470 g
Weight	1.04 lb

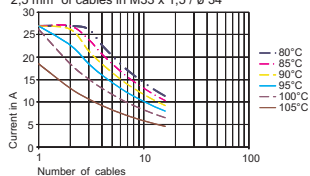
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Technical Drawings – Subject to Alterations

Current loading of
4 mm² of cables in M33 x 1,5 / ø 34



Current loading of
2,5 mm² of cables in M33 x 1,5 / ø 34



Accessories

Jam nut



M33 x 1.5

Art. No.

108375

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.