

8174/102-0402-11 Art. No. 139369



- 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 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 |
| Rated operational current    | 15 A  |

#### Ambient Conditions

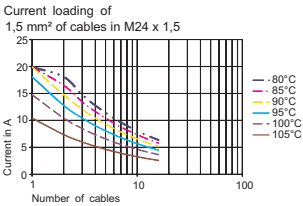
|                     |                    |
|---------------------|--------------------|
| Ambient temperature | -40 °C ... +110 °C |
|---------------------|--------------------|

#### Mechanical Data


|                              |                     |
|------------------------------|---------------------|
| Ex d conductor length        | 1000 mm             |
| Ex e conductor length        | 1000 mm             |
| Min. conductor cross section | 1.5 mm <sup>2</sup> |
| Number of core ends          | 4                   |
| Thread size                  | M24                 |
| Thread pitch                 | 1,5                 |
| Cable colour                 | Black               |
| Weight                       | 210 g               |
| Weight                       | 0.46 lb             |

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Technical Drawings – Subject to Alterations



Spare Parts

| Jam nut  |           | Art. No. |
|--|-----------|----------|
|  | M24 x 1.5 | 108370   |

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.