



- Coupler sockets, 16 A, various voltage ranges acc. to EN 60309
- Easy to transport in stainless steel carrying frame with large carrying handle, free-standing set-up on feet
- For use in Zones 1, 2, 21 and 22

E3

WebCode 8570B



R. STAHL Series 8570/16 Zone 1 coupler sockets with switch socket are used to connect portable and fixed electrical equipment as well as cables and circuits in hazardous areas. Application range in Zone 1, 21 with full AC-3 switching capacity up to 16 A. With their stainless steel carrying frame with large carrying handle, they are easy to transport and can be positioned on the feet flexibly and securely.

|                 | ATEX / IECEx |   |   |    |    |    |
|-----------------|--------------|---|---|----|----|----|
| Zone            | 0            | 1 | 2 | 20 | 21 | 22 |
| Installation in |              | • | • |    | •  | •  |

| Selection Table                                       |                                |             |                 |              |          |    |           |
|-------------------------------------------------------|--------------------------------|-------------|-----------------|--------------|----------|----|-----------|
| Detailed number of poles<br>Rated operational current | 3 P (2 P + PE)<br>0 – 16 A     |             |                 |              |          |    |           |
| Coding (clock hour position)                          | Rated operational voltage AC   | Colour code | Frequency range | Product Type | Art. No. | PS | Weight kg |
| 4                                                     | 100 – 130 V                    | Yellow      | 50 – 60 Hz      | 8570/16-304  | 150660   | 10 | 2.100     |
| 6                                                     | 200 – 250 V                    | Blue        | 50 – 60 Hz      | 8570/16-306  | 150662   | 10 | 2.100     |
| Detailed number of poles<br>Rated operational current | 4 P (3 P + PE)<br>0 – 16 A     |             |                 |              |          |    |           |
| Coding (clock hour position)                          | Rated operational voltage AC   | Colour code | Frequency range | Product Type | Art. No. | PS | Weight kg |
| 5                                                     | 600 – 690 V                    | Black       | 50 – 60 Hz      | 8570/16-405  | 150667   | 10 | 2.350     |
| 6                                                     | 380 – 415 V                    | Red         | 50 – 60 Hz      | 8570/16-406  | 150664   | 10 | 2.350     |
| 7                                                     | 480 – 500 V                    | Black       | 50 – 60 Hz      | 8570/16-407  | 150665   | 10 | 2.350     |
| Detailed number of poles<br>Rated operational current | 5 P (3 P + N + PE)<br>0 – 16 A |             |                 |              |          |    |           |
| Coding (clock hour position)                          | Rated operational voltage AC   | Colour code | Frequency range | Product Type | Art. No. | PS | Weight kg |
| 5                                                     | 347 – 400 V /<br>600 – 690 V   | Black       | 50 – 60 Hz      | 8570/16-505  | 150673   | 10 | 2.450     |
| 6                                                     | 200 – 240 V /<br>346 – 415 V   | Red         | 50 – 60 Hz      | 8570/16-506  | 150669   | 10 | 2.450     |
| 7                                                     | 277 – 288 V /<br>480 – 500 V   | Black       | 50 – 60 Hz      | 8570/16-507  | 150671   | 10 | 2.450     |

## Technical Data

### Explosion Protection

|                                 |                                                  |
|---------------------------------|--------------------------------------------------|
| Ambient temperature °C          | -30 ... +55 °C                                   |
| Gas explosion protection IECEx  | Ex db eb IIC T6 Gb                               |
| Gas explosion protection ATEX   | Ⓔ II 2 G Ex db eb IIC T6 Gb                      |
| Dust explosion protection IECEx | Ex tb IIIC T80 °C Db                             |
| Dust explosion protection ATEX  | Ⓔ II 2 D Ex tb IIIC T80 °C Db                    |
| Certificates                    | ATEX (PTB), Brazil (ULB), EAC (STV), IECEx (PTB) |

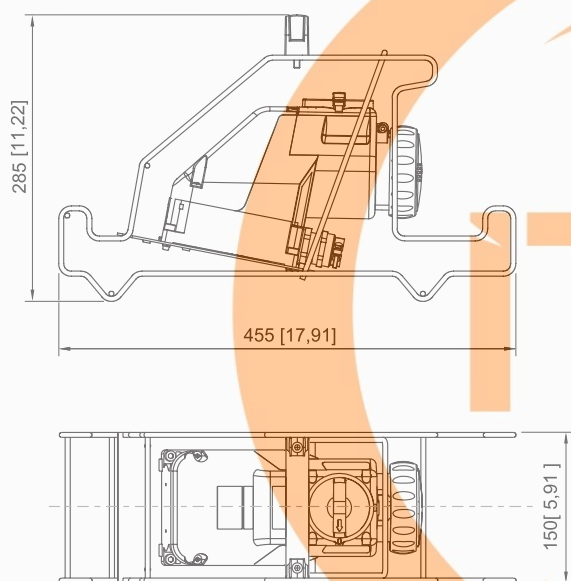
### Mechanical Data

|                           |                 |
|---------------------------|-----------------|
| Degree of protection (IP) | IP66            |
| Enclosure material        | Polyamide       |
| Material mounting frame   | Stainless steel |

### Components

|                               |                  |
|-------------------------------|------------------|
| Screw connections             | 1 x M25          |
| Cable diameter                | 13 – 18 mm       |
| Material of screw connections | Polyamide, black |
| Stopping plug                 | 1 x M25          |
| Stopping plug material        | Polyamide, black |

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



Coupler socket