

# Coupler CES 16 A

## Series 8575/14



www.stahl.de



12134E00

- > Enclosure in robust polyamide
- > A switch incorporated into the socket body ensures safe operation
- > Handy hanging loop

E3



Series 8575/14 couplers can be used to connect 16 A sockets with portable electrical equipment in hazardous areas. A switch incorporated into the socket body ensures safe operation of the coupling.

|            | ATEX |   |   |    |    |    |
|------------|------|---|---|----|----|----|
| Zone       | 0    | 1 | 2 | 20 | 21 | 22 |
| For use in |      | x | x |    |    |    |

|            | Class I (NEC 505) |                 |                 | (NEC 506) |    |    |
|------------|-------------------|-----------------|-----------------|-----------|----|----|
| Zone       | 0                 | 1               | 2               | 20        | 21 | 22 |
| For use in |                   | x <sup>*)</sup> | x <sup>*)</sup> |           |    |    |

<sup>\*)</sup> Canada

|            | Class I |                 | Class II        |                 | Class III       |                 |
|------------|---------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Division   | 1       | 2               | 1               | 2               | 1               | 2               |
| For use in |         | x <sup>*)</sup> | x <sup>*)</sup> | x <sup>*)</sup> | x <sup>*)</sup> | x <sup>*)</sup> |


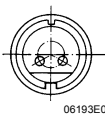


<sup>\*)</sup> Canada

**WebCode 8575A**

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

### Selection Table

| Version   | Number of poles   | Voltage [V]  | Identification colour | Frequency [Hz] | h                    | Order number         | Weight |
|---|---|--|-----------------------|----------------|----------------------|----------------------|--------|
|   |   |  |                       |                |                      |                      | kg     |
| <br>01674E00 | Extra-low voltage   | <br>2 P | 20 ... 25 violet      | 50 / 60        | --                   | <b>8575 / 14-100</b> | 0.580  |
|   |   |  | 20 ... 25 violet      | DC             | 10                   | <b>8575 / 14-110</b> | 0.580  |
|   |   |  | 40 ... 50 light grey  | 50 / 60        | 12                   | <b>8575 / 14-112</b> | 0.580  |
|   | Low voltage   | <br>3 P | 20 ... 25 violet      | 50 / 60        | --                   | <b>8575 / 14-200</b> | 0.600  |
|   |   |  | 40 ... 50 light grey  | 50 / 60        | 12                   | <b>8575 / 14-212</b> | 0.600  |
|   |   |  | 100 ... 130 yellow    | 50 / 60        | 4                    | <b>8575 / 14-304</b> | 0.760  |
|   | <br>3 P (2 P + PE) | 200 ... 250 blue   | 50 / 60               | 6              | <b>8575 / 14-306</b> | 0.770                |        |

### Explosion Protection

#### Marking

Europe (ATEX)

 II 2 G Ex de IIC T6 (Ta = - 30 ... + 45°C)  
 II 2 G Ex de IIC T5 (Ta = - 30 ... + 55°C)

#### Certificates

Europe (ATEX)  
Other certificates

PTB 01 ATEX 1044  
Brazil (UL do Brasil), China (CQST Ex), Canada (CSA), Kazakhstan (JSC), Russia (CTB), Belarus (Gospromnadzor)

### Technical Data

#### Electrical data

##### Version

Rated voltage  
Rated current  
Switching capacity

##### Extra-low voltage

max. 50 V  
16 A  
AC-3: 50 V, 16 A

##### Low voltage

max. 415 V  
16 A  
AC-3: 415 V, 16 A  
4 kW: 220 V230 V240 V  
7.5 kW: 380 V400 V415 V  
16 A gG

Thermal short-circuit protection

16 A gG

#### Ambient conditions

Ambient temperature

see explosion protection data  
- 45 °C on request (internal lubrication using silicone grease)

#### Mechanical data

Degree of protection  
Enclosure material

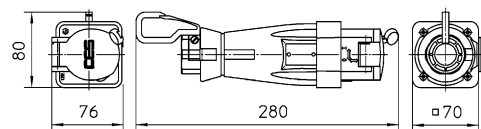
IP54  
Polyamide

#### Mounting / Installation

Cable entry

11 ... 21 mm cable diameter

### Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



03209E00

### 8575/14 Coupler 16 A

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.