

# HC-STAF6 EFES - Contact insert

1679566

<https://www.phoenixcontact.com/us/products/1679566>

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HEAVYCON spring insert, STAF series, 6-pos., screw connection without wire protection

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1679566                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF61                           |
| Product key                          | AF7ABE                         |
| GTIN                                 | 4017918163426                  |
| Weight per piece (including packing) | 16.11 g                        |
| Weight per piece (excluding packing) | 16.11 g                        |
| Customs tariff number                | 85366990                       |
| Country of origin                    | RO                             |

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## Technical data

### Mounting

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Assembly note | Connectors may be operated only when there is no load/voltage. |
|---------------|----------------------------------------------------------------|

### Product properties

|              |                                              |
|--------------|----------------------------------------------|
| Product type | Contact insert with a fixed no. of positions |
|--------------|----------------------------------------------|

### Connection data

#### Connection technology

|                       |                  |
|-----------------------|------------------|
| Connection technology | Screw connection |
|-----------------------|------------------|

#### Conductor connection

|                         |                                             |
|-------------------------|---------------------------------------------|
| Conductor cross-section | 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> |
| Tightening torque       | 0.5 Nm                                      |

### Electrical properties

|                       |      |
|-----------------------|------|
| Rated voltage (III/3) | 25 V |
| Rated current         | 10 A |

### Material specifications

|                                        |              |
|----------------------------------------|--------------|
| Flammability rating according to UL 94 | HB           |
| Contact material                       | Copper alloy |
| Contact surface material               | Ag           |
| Contact carrier material               | PA           |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 100 °C |
|---------------------------------|-------------------|

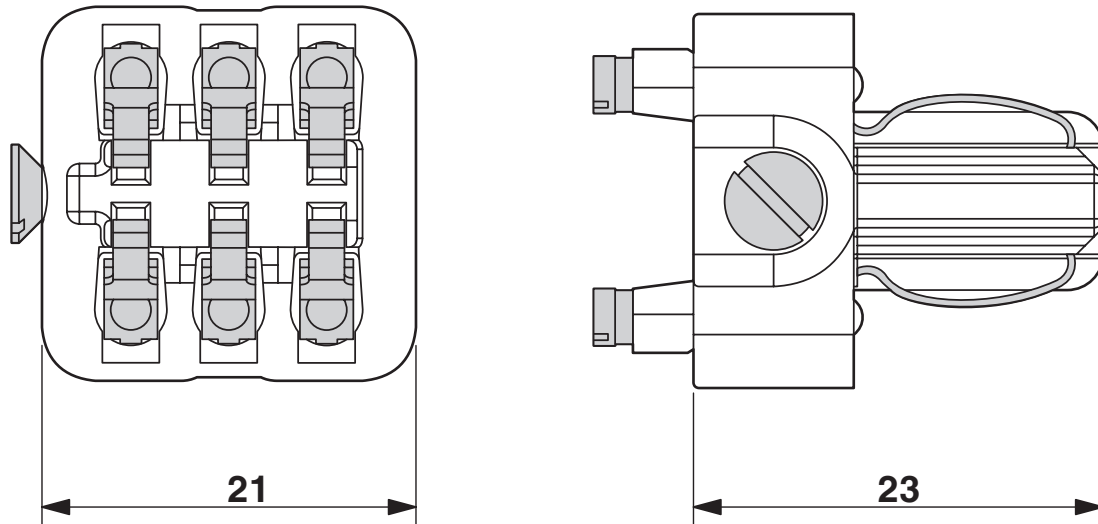
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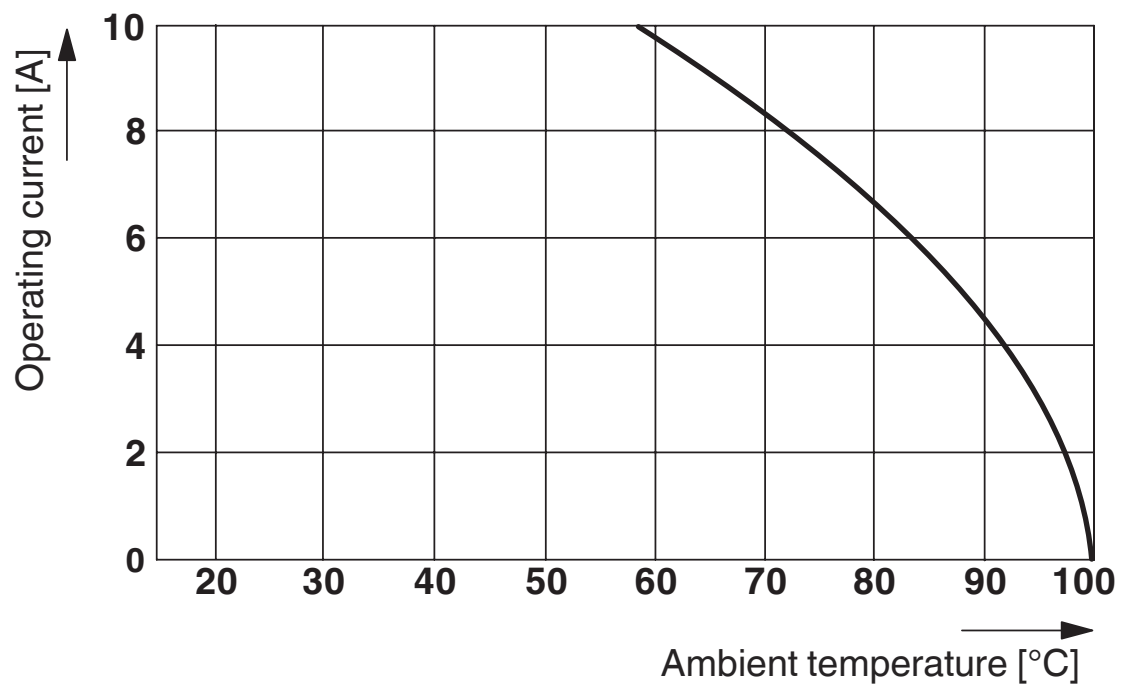
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## Drawings

Dimensional drawing



Diagram



Derating diagram

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440205 |
| ECLASS-15.0 | 27440205 |

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## Environmental product compliance

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)