

# CK8,0-ED-25,00F AG - Crimp contact



1550056

<https://www.phoenixcontact.com/in/products/1550056>

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Crimp contact, contact diameter: 8 mm, turned, Socket, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 25 mm<sup>2</sup> ... 25 mm<sup>2</sup>, AWG 4

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1550056       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BF7           |
| Product key                          | AF7AIG        |
| GTIN                                 | 4067923025073 |
| Weight per piece (including packing) | 16.2 g        |
| Weight per piece (excluding packing) | 16 g          |
| Customs tariff number                | 85366990      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|         |                                  |
|---------|----------------------------------|
| General | for HC-M-...-35 contact carriers |
|---------|----------------------------------|

### Mounting

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assembly note | <p>The contacts are qualified for crimping dies in accordance with DIN 46235.</p> <p>Klauke, for example, offers the appropriate tool:</p> <p>Crimping dies from the D22 series are required for the EKM6022 battery-operated hydraulic crimping pliers. Due to the narrow crimping width of 5 mm, it is very important to make two compressions next to one another.</p> <p>For the EK12042 model, crimping dies from the HD13 series are required. Due to a wider crimping process, only one compression is required.</p> |
|               | <p>The quality of a crimp connection is determined by DIN EN 60352-2.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

### Product properties

|                       |                           |
|-----------------------|---------------------------|
| Product type          | Crimp contact             |
| Series                | HC-M-...-35               |
| Type                  | Individual female contact |
| Contact material type | turned                    |

### Connection data

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Contact connection type                 | Socket                                    |
| Connection technology                   | Crimp connection                          |
| Conductor cross section                 | 25 mm <sup>2</sup> ... 25 mm <sup>2</sup> |
| Connection cross section AWG            | 4                                         |
| Stripping length of the individual wire | 19 mm                                     |
| Conductor cross section flexible        | 25 mm <sup>2</sup> ... 25 mm <sup>2</sup> |

### Material specifications

|                          |                         |
|--------------------------|-------------------------|
| Contact material         | Copper alloy, lead-free |
| Contact surface material | silver-plated           |

### Dimensions

|                            |      |
|----------------------------|------|
| Mechanical characteristics |      |
| Contact diameter           | 8 mm |

### Mechanical properties

|                             |       |
|-----------------------------|-------|
| Mechanical data             |       |
| Insertion/withdrawal cycles | ≥ 500 |

### Environmental and real-life conditions

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## Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440204 |
| ECLASS-13.0 | 27440204 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC000796 |
|----------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### 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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## Accessories

### CK8,0-ED-25,00M AG - Crimp contact

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PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)