

CK8,0-ED-16,00F AG - Crimp contact



1550058

<https://www.phoenixcontact.com/in/products/1550058>

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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: 16 mm² ... 16 mm², AWG 6

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1550058 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BF7 |
| Product key | AF7AIG |
| GTIN | 4067923026605 |
| Weight per piece (including packing) | 14.6 g |
| Weight per piece (excluding packing) | 3.333 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 | 16 mm ² ... 16 mm ² |
| Connection cross section AWG | 6 |
| Stripping length of the individual wire | 19 mm |
| Conductor cross section flexible | 16 mm ² ... 16 mm ² |

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-16,00M AG - Crimp contact

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