

# BC 17,6 BS U22 KMGY - Filler plug



2896199

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Filler plug for unoccupied terminal points (U22), width: 17.6 mm, height: 29.78 mm, depth: 22.35 mm, color: light gray (similar RAL 7035)

## Your advantages

- Easy, tool-free mounting
- Flammability rating V0 in accordance with UL 94

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2896199       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 50 pc         |
| Sales key                            | AC10          |
| Product key                          | ACHBAZ        |
| GTIN                                 | 4046356096591 |
| Weight per piece (including packing) | 3.67 g        |
| Weight per piece (excluding packing) | 3.219 g       |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|               |                                                           |
|---------------|-----------------------------------------------------------|
| Assembly note | Please observe the application note in the download area. |
|---------------|-----------------------------------------------------------|

### Product properties

|                              |                                                                              |
|------------------------------|------------------------------------------------------------------------------|
| Product type                 | Filler plug                                                                  |
| Housing type                 | DIN rail housing for use in distribution boards in accordance with DIN 43880 |
| Housing series               | BC                                                                           |
| Ventilation openings present | no                                                                           |

### Dimensions

|                  |          |
|------------------|----------|
| Width            | 17.6 mm  |
| Height           | 29.78 mm |
| Depth            | 22.35 mm |
| Horizontal pitch | 1 Div.   |

### Material specifications

|                                        |                       |
|----------------------------------------|-----------------------|
| Color (Housing)                        | light gray (RAL 7035) |
| Material Housing                       | PC                    |
| Flammability rating according to UL 94 | V0                    |
| Surface characteristics                | untreated             |

### Environmental and real-life conditions

#### Vibration test

|                        |                             |
|------------------------|-----------------------------|
| Specification          | IEC 60068-2-6:2007-12       |
| Frequency              | 10 - 150 - 10 Hz            |
| Sweep speed            | 1 octave/min                |
| Amplitude              | 0.15 mm (10 Hz ... 58.1 Hz) |
| Acceleration           | 2g (58.1 Hz ... 150 Hz)     |
| Test duration per axis | 2.5 h                       |
| Test directions        | X-, Y- and Z-axis           |

#### Glow-wire test

|                  |                        |
|------------------|------------------------|
| Specification    | IEC 60695-2-11:2014-02 |
| Temperature      | 850 °C                 |
| Time of exposure | 30 s                   |

#### Mechanical strength / tumbling barrel

|                |                        |
|----------------|------------------------|
| Specification  | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm                  |
| Frequency      | 50                     |

#### Shocks

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|                                |                                   |
|--------------------------------|-----------------------------------|
| Specification                  | IEC 60068-2-27:2008-02            |
| Pulse shape                    | Half-sine                         |
| Acceleration                   | 15g                               |
| Shock duration                 | 11 ms                             |
| Number of shocks per direction | 3                                 |
| Test directions                | X-, Y- and Z-axis (pos. and neg.) |

## Degree of protection (IP code)

|               |                                                   |
|---------------|---------------------------------------------------|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
|---------------|---------------------------------------------------|

## Ambient conditions

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Max. IP code to attain                  | IP20                                               |
| Ambient temperature (operation)         | -40 °C ... 105 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |
| Relative humidity (storage/transport)   | 95 %                                               |

## Mounting

|               |                                  |
|---------------|----------------------------------|
| Mounting type | Latching with upper housing part |
|---------------|----------------------------------|

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2896199>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190605 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002779 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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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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