

# BC 17,6 BS U22 KMGY - Filler plug

2896199

<https://www.phoenixcontact.com/us/products/2896199>



Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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            |

# BC 17,6 BS U22 KMGY - Filler plug

2896199

<https://www.phoenixcontact.com/us/products/2896199>



## 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                                                                           |
| Type                         | Filler plug for unoccupied terminal points (U22)                             |
| Ventilation openings present | no                                                                           |

### Dimensions

|        |          |
|--------|----------|
| Width  | 17.6 mm  |
| Height | 29.78 mm |
| Depth  | 22.35 mm |

### Material specifications

|                                        |                       |
|----------------------------------------|-----------------------|
| Color (Housing)                        | light gray (RAL 7035) |
| Flammability rating according to UL 94 | V0                    |
| Housing material                       | PC                    |
| 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

# BC 17,6 BS U22 KMGY - Filler plug



2896199

<https://www.phoenixcontact.com/us/products/2896199>

|                                |                                   |
|--------------------------------|-----------------------------------|
| 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 |
|---------------|----------------------------------|

# BC 17,6 BS U22 KMGY - Filler plug

2896199

<https://www.phoenixcontact.com/us/products/2896199>



## Approvals

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



**UL Recognized**

Approval ID: E240868

# BC 17,6 BS U22 KMGY - Filler plug

2896199

<https://www.phoenixcontact.com/us/products/2896199>



## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# BC 17,6 BS U22 KMGY - Filler plug

2896199

<https://www.phoenixcontact.com/us/products/2896199>



## 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%               |

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

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