

# BC 53,6 BS U22 GY 7045 - Filler plug



2202270

<https://www.phoenixcontact.com/us/products/2202270>

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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: 53.6 mm, height: 29.78 mm, depth: 22.35 mm, color: telegrey 1 (similar RAL 7045)

## Your advantages

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

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2202270                        |
| Packing unit                         | 50 pc                          |
| Minimum order quantity               | 50 pc                          |
| Note                                 | Made to order (non-returnable) |
| Product key                          | ACHBAB                         |
| GTIN                                 | 4055626028644                  |
| Weight per piece (including packing) | 7.46 g                         |
| Weight per piece (excluding packing) | 6.19 g                         |
| Country of origin                    | DE                             |

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## Technical data

### 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            | 53.6 mm  |
| Height           | 29.78 mm |
| Depth            | 22.35 mm |
| Horizontal pitch | 3 Div.   |

### Material specifications

|  |                       |
|--|-----------------------|
| Color (Housing)                        | telegrey 1 (RAL 7045) |
| Flammability rating according to UL 94 | V0                    |
| Housing material                       | PC                    |

### 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

|                |                        |
|----------------|------------------------|
| Specification  | IEC 60068-2-27:2008-02 |
| Pulse shape    | Half-sine              |
| Acceleration   | 15g                    |
| Shock duration | 11 ms                  |

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|                                |                                   |
|--------------------------------|-----------------------------------|
| 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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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190603 |

### 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.186 kg CO2e |
|---------|---------------|

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