

# VC-AL-T3-Z-M25-S - Housing

1583678

<https://www.phoenixcontact.com/us/products/1583678>

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Aluminum die-cast sleeve housing, with grommet, locking screws with cylinder head, for a metric M25 cable gland, angled cable outlet, type VC3

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1583678                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | AB01                           |
| Product key                          | ABLAAX                         |
| GTIN                                 | 4046356183307                  |
| Weight per piece (including packing) | 289.24 g                       |
| Weight per piece (excluding packing) | 289.24 g                       |
| Customs tariff number                | 85369010                       |
| Country of origin                    | PL                             |

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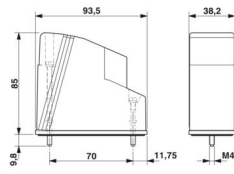
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## Technical data

### Product properties

|                              |                 |
|------------------------------|-----------------|
| Product type                 | Sleeve housings |
| Product family               | VARIOCON        |
| Type                         | VC3             |
| No. of cable outlets         | 1               |
| Type of the screw connection | M25 x 1.5       |
| Fixing screws                | M4              |
| Shielded                     | no              |
| Cable outlet                 | slanted         |

### Dimensions

|                     |   |
|---------------------|---|
| Dimensional drawing |  |
| Height              | 85 mm   |

### Material specifications

|  |                   |
|--|-------------------|
| Color                                  | gray aluminum     |
| Flammability rating according to UL 94 | V0                |
| Seal material                          | NBR, conductive   |
| Housing material                       | Die-cast aluminum |
| O-ring material                        | NBR               |
| Material of locking screw              | V2A               |

### Mechanical properties

#### Mechanical data

|                              |           |
|------------------------------|-----------|
| Type of the screw connection | M25 x 1.5 |
| Locking type                 | Screw     |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP65              |
| Ambient temperature (operation) | -40 °C ... 125 °C |

### Mounting

|               |    |
|---------------|----|
| Fixing screws | M4 |
|---------------|----|

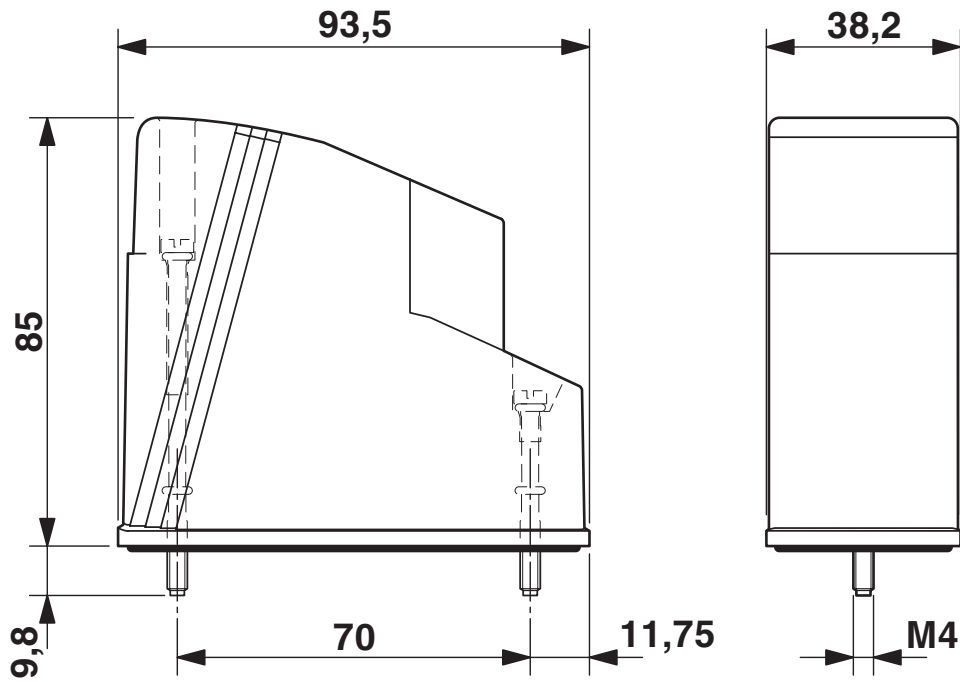
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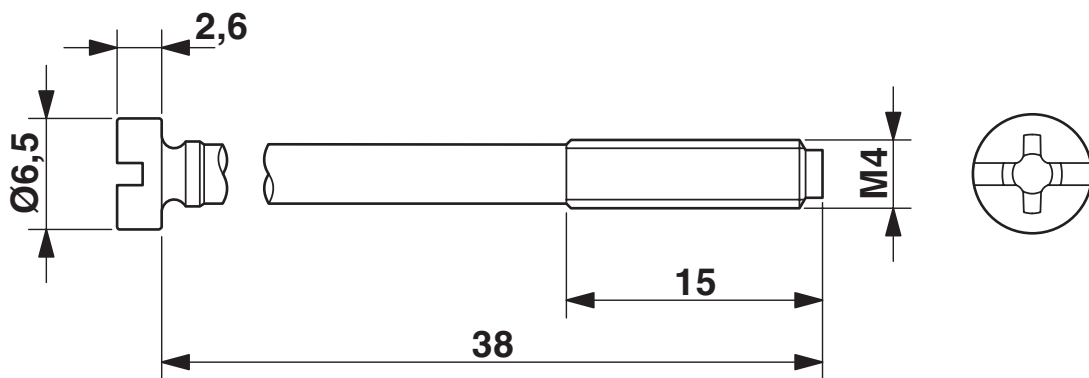
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## Drawings

Dimensional drawing



Dimensional drawing



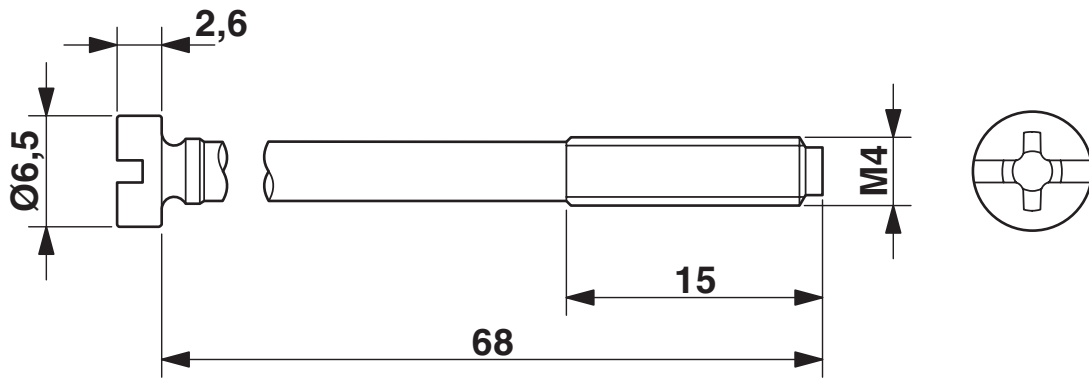
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Dimensional drawing



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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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