

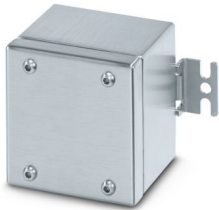
# E S6 A 100X100X80 - Empty enclosure



0899000

<https://www.phoenixcontact.com/us/products/0899000>

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Empty enclosure, material: Stainless steel, 316L/1.4404, surface resistance: brushed, silver-colored, 100 mm x 100 mm x 80 mm, type of locking: Screw-on cover, scope of supply - ATD: Fixing angle with mounting screws, M12 grounding bolts, affixed externally, Installation notes, Fixing angle with mounting screws

## Your advantages

- Innovative product range of high-quality stainless steel housings as the basis for individual terminal boxes
- Reduced assembly and approval effort thanks to ready-equipped terminal boxes
- Flange plates possible on four sides of the housing, including seal protection
- Housing adjustments using threads, bore holes, and rectangular cutouts with consideration given to normative specifications

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0899000       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BH91          |
| Product key                          | BH9112        |
| GTIN                                 | 4046356927581 |
| Weight per piece (including packing) | 2,914 g       |
| Weight per piece (excluding packing) | 2,161 g       |
| Customs tariff number                | 94032080      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                    |                                                |
|--------------------|------------------------------------------------|
| Notes on operation | Prepared for direct installation of a DIN rail |
|--------------------|------------------------------------------------|

### Product properties

|                 |                                         |
|-----------------|-----------------------------------------|
| Product type    | Terminal box                            |
| Scope of supply | Fixing angle with mounting screws       |
|                 | M12 grounding bolts, affixed externally |
|                 | Installation notes                      |

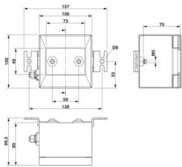
### Insulation characteristics

|                  |   |
|------------------|---|
| Protection class | I |
|------------------|---|

### Electrical properties

|                           |                        |
|---------------------------|------------------------|
| Maximum power dissipation | 3.7 W (T6 up to 40 °C) |
|                           | 2.3 W (T6 up to 55 °C) |
|                           | 1.3 W (T6 up to 65 °C) |
|                           | 5.1 W (T5 up to 40 °C) |
|                           | 3.7 W (T5 up to 55 °C) |
|                           | 2.8 W (T5 up to 65 °C) |
|                           | 6 W (T4 up to 40 °C)   |
|                           | 2.9 W (T4 up to 55 °C) |
|                           | 3.7 W (T4 up to 65 °C) |

### Dimensions

|                                          |                                                                                      |
|------------------------------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing                      |  |
| Width                                    | 100 mm                                                                               |
| Height                                   | 100 mm                                                                               |
| Depth                                    | 80 mm                                                                                |
| Clearance width, maximum DIN rail length | 90 mm                                                                                |
| Drill hole spacing                       | 50 mm                                                                                |
| Max. material thickness                  | 1.5 mm                                                                               |

### Material specifications

|                         |                              |
|-------------------------|------------------------------|
| Color                   | silver-colored               |
| Material                | Stainless steel, 316L/1.4404 |
| Seal material           | Silicon                      |
| Surface characteristics | brushed                      |

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|      |           |
|------|-----------|
| Note | 240 grain |
|------|-----------|

## Mechanical properties

### General

|                       |                             |
|-----------------------|-----------------------------|
| Type of locking (GRP) | Screw-on cover Allen screws |
|-----------------------|-----------------------------|

### Technical data

|                    |       |
|--------------------|-------|
| Drill hole spacing | 50 mm |
|--------------------|-------|

## Environmental and real-life conditions

### Degree of protection (IP code)

|                      |      |
|----------------------|------|
| Degree of protection | IP66 |
|----------------------|------|

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -55 °C ... 135 °C |
|---------------------------------|-------------------|

## Mounting

|               |                       |
|---------------|-----------------------|
| Assembly note | External fixing clips |
|---------------|-----------------------|

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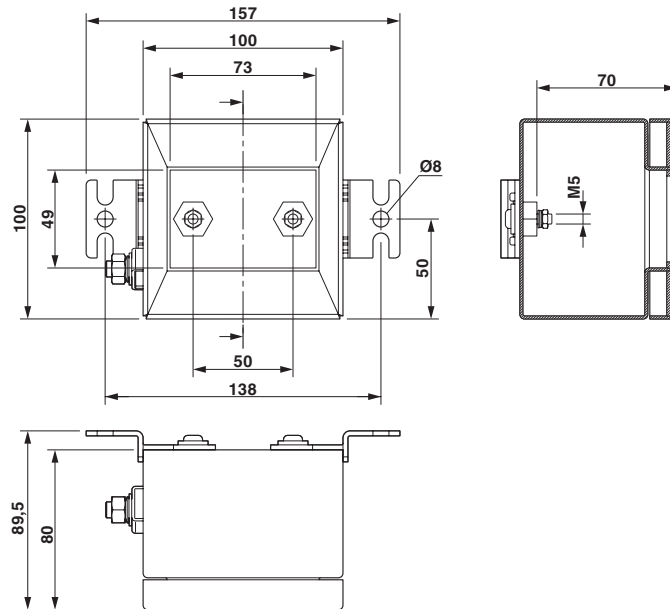
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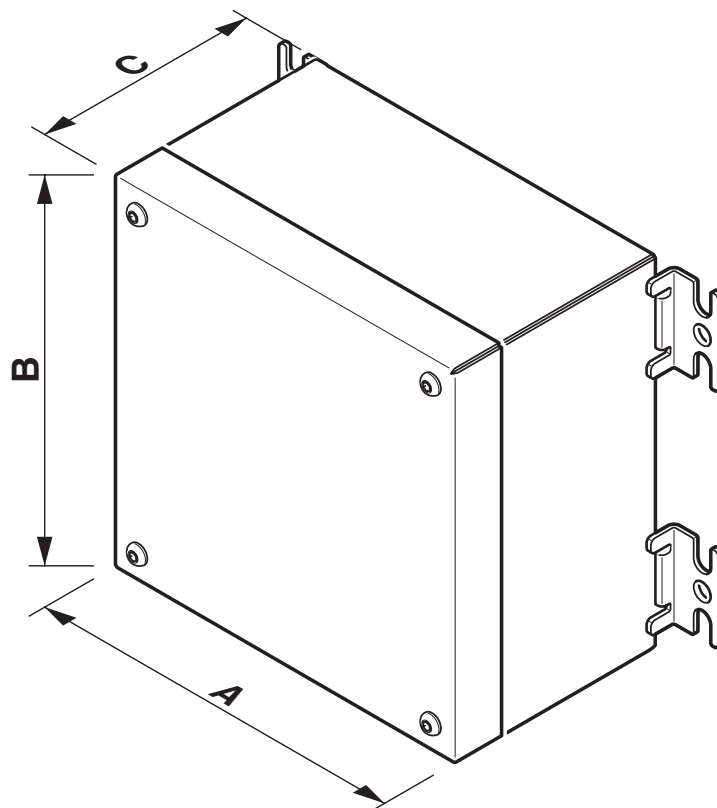


## Drawings

Dimensional drawing



Schematic diagram



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27180101 |
| ECLASS-15.0 | 27180101 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000261 |
|-----------|----------|

### 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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