

# CM 50-LG/H 12,5/BO BK - Electronics housing



2943592

<https://www.phoenixcontact.com/us/products/2943592>

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DIN rail housing, Complete housing, with vents, width: 50 mm, height: 102 mm, depth: 115.5 mm, color: black (similar RAL 9005), cross connection: Not provided for

## Your advantages

- Robust housing technology
- Easy snap-on mounting on symmetrical DIN rails in accordance with EN 60715
- Touch-proof and contamination-proof accommodation of the electronics
- Flexible accommodation of different connection elements (from high-position connectors to electronic PCB terminal blocks)

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2943592       |
| Packing unit                         | 5 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AC11          |
| Product key                          | ACHCDA        |
| GTIN                                 | 4017918081195 |
| Weight per piece (including packing) | 146.42 g      |
| Weight per piece (excluding packing) | 146.42 g      |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |

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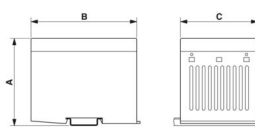
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## Technical data

### Product properties

|                              |                                   |
|------------------------------|-----------------------------------|
| Product type                 | Complete housing                  |
| Housing type                 | DIN rail housing                  |
| Housing series               | CM                                |
| Product family               | CM LG                             |
| Type                         | Housing closed, ventilation slots |
| Ventilation openings present | yes                               |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 50 mm  |
| Height              | 102 mm   |
| Depth               | 115.5 mm   |

### Material specifications

|  |                             |
|--|-----------------------------|
| Color (Housing)                        | black (RAL 9005)            |
| Material Housing                       | PC (glass-fiber reinforced) |
| Flammability rating according to UL 94 | V0                          |

### Environmental and real-life conditions

#### Ambient conditions

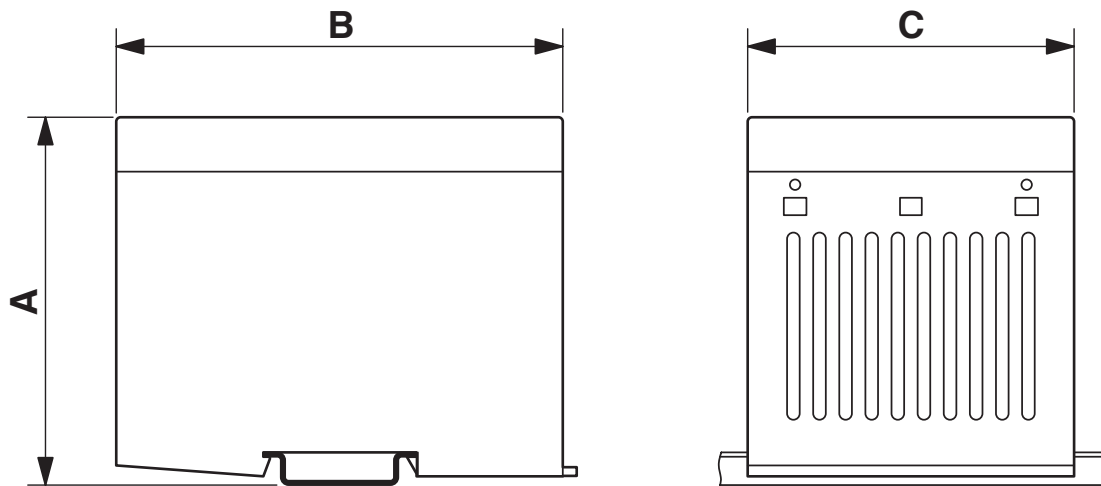
|                                 |  |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
|---------------------------------|--|

### Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

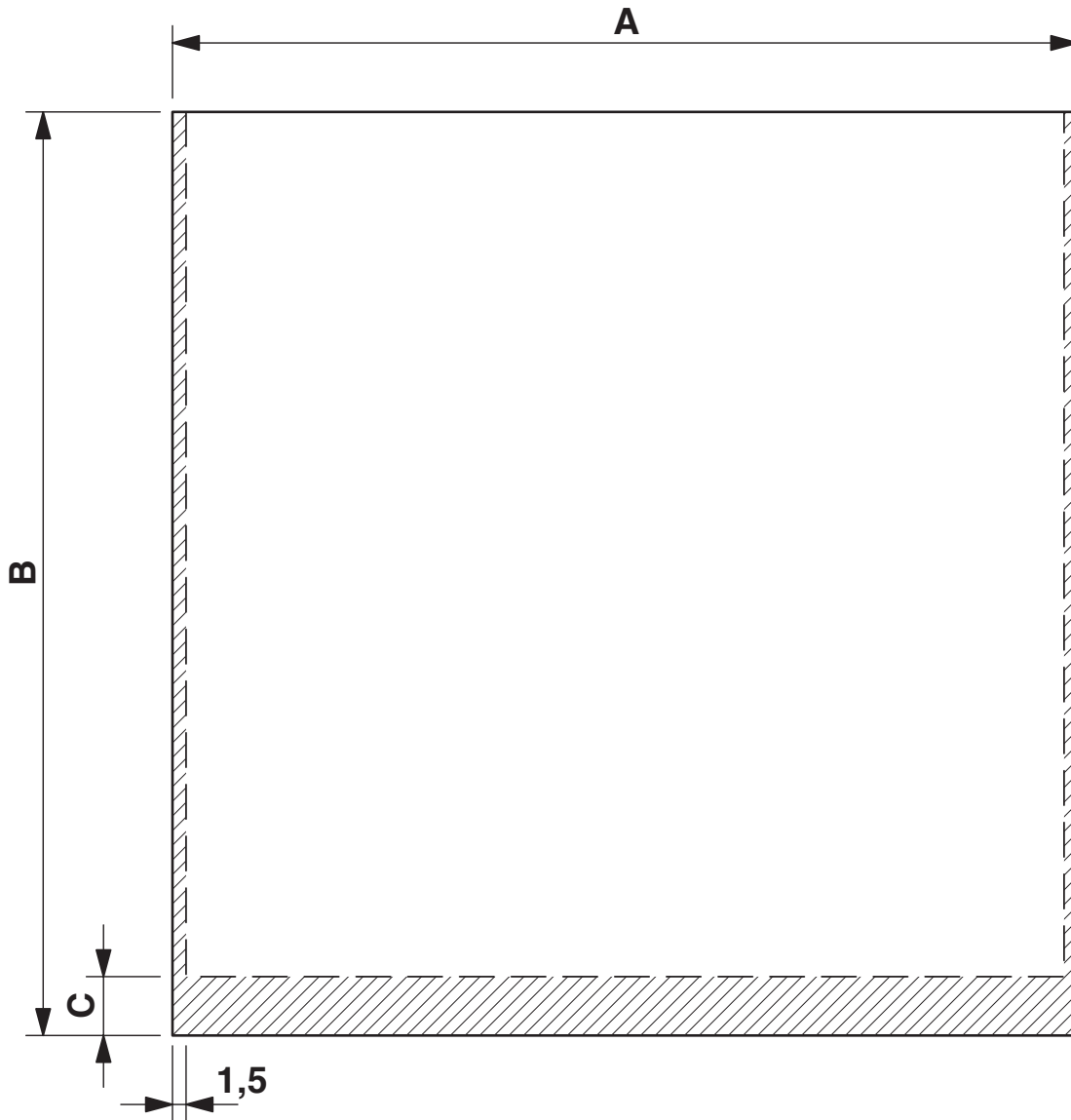
Drawings

Dimensional drawing



Dimension A: 115.5 mm; dimension B: 102 mm; dimension C: 50 mm

Dimensional drawing



PCB 1, 7: Dimension A: 47.5 mm; B: 102.0 mm; C: 6.5 mm

PCB 8, 13: Dimension A: 100.0 mm; B: 102.0 mm; C: 6.5 mm

PCB 10: Dimension A: 100.0 mm; B: 92.3 mm; C: 0 mm

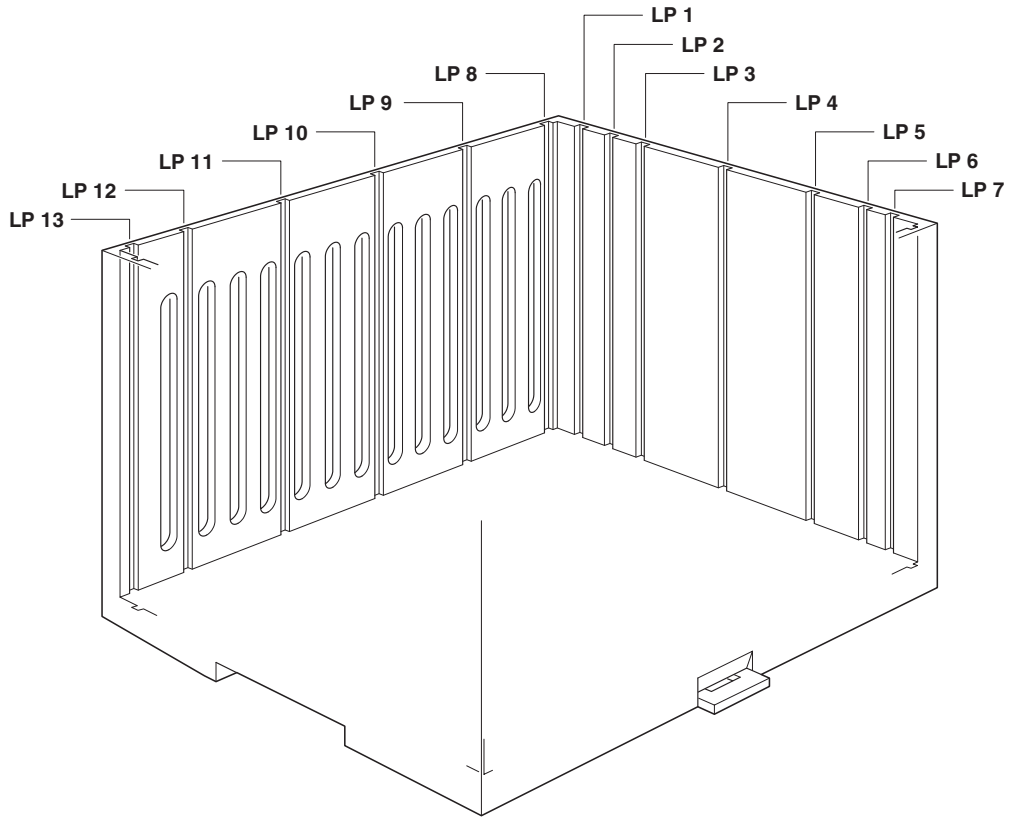
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Schematic diagram



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190101 |
| ECLASS-15.0 | 27190101 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001031 |
|-----------|----------|

### 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 | 0.214 kg CO2e |
|---------|---------------|

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