

## Electronic housing - CM 50-LG/H 12,5/BO BK - 2943592

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Complete housing with vents, Cross connection: without bus connector, color: black, width: 50 mm, length: 102 mm, height: 115.5 mm, number of positions cross connector: not relevant

### Why buy this product

- Rugged housing technology
- Flexible accommodation of different connection elements (from high-position connectors to electronic PCBs)
- Easy snap-on mounting on symmetrical DIN rails according to EN 60715
- Shock and contamination-proof accommodation of electronic components

### Key Commercial Data

Packing unit	5 STK
GTIN	 4 017918 081195
GTIN	4017918081195
Weight per Piece (excluding packing)	146.420 g
Custom tariff number	85369010
Country of origin	Germany

### Technical data

#### General

Housing type	Complete housing
Housing material	Polycarbonate fiber reinforced
Color (RAL)	black (9005)

#### Ambient conditions

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

#### Dimensions

Length	102 mm
Constructional height	115.5 mm

# Electronic housing - CM 50-LG/H 12,5/BO BK - 2943592

## Technical data

### Dimensions

Width	50 mm
Depth	102 mm

### Technical data

Power dissipation without gap	25 W
Power dissipation with 20 mm gap	38.3 W

### Standards and Regulations

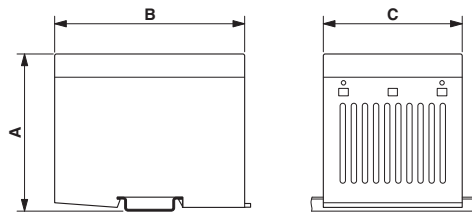
Flammability rating according to UL 94	V0
--	----

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

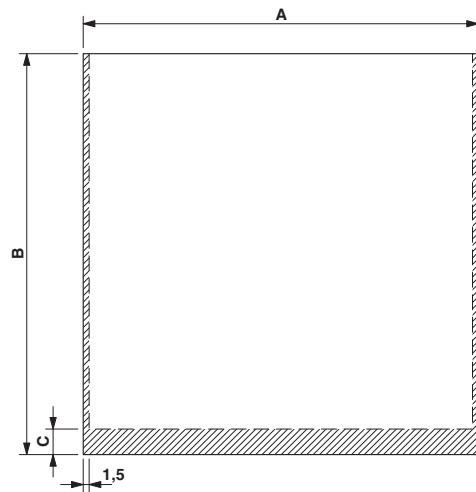
## Drawings

Dimensional drawing



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

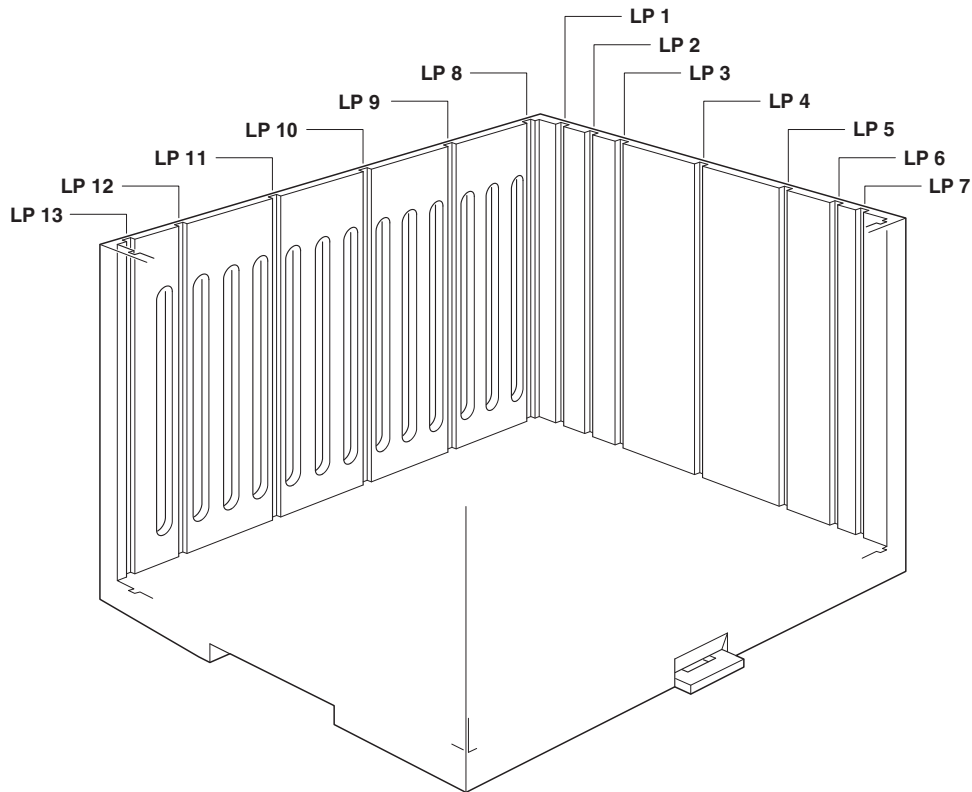
Dimensional drawing



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

# Electronic housing - CM 50-LG/H 12,5/BO BK - 2943592

Schematic diagram



## Classifications

### eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

### ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031

## Electronic housing - CM 50-LG/H 12,5/BO BK - 2943592

### Classifications

#### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Phoenix Contact 2017 © - all rights reserved  
<http://www.phoenixcontact.com>