# EG 45-GP/ABS GN - Mounting base housing

2764153

https://www.phoenixcontact.com/us/products/2764153

**PHŒNIX CONTACT**

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Component housing, Lower housing part, with snap-on foot and test opening with side cover, without vents, width: 45 mm, height: 75 mm, color: green (similar RAL 6021), cross connection: without bus connector, number of positions cross connector: not relevant

## Your advantages

- Tool-free mounting

## Commercial data

| | |
|---|---|
| Item number | 2764153 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | AC11 |
| Product key | ACHCGA |
| Catalog page | Page 719 (C-1-2013) |
| GTIN | 4017918065867 |
| Weight per piece (including packing) | 52.74 g |
| Weight per piece (excluding packing) | 53.6 g |
| Customs tariff number | 85389099 |
| Country of origin | PL |

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## Technical data

### Product properties

| | |
|---|---|
| Product type | Enclosure bottom part |
| Housing type | Component housing |
| Housing series | EG |
| Product family | EG..-G |
| Type | Lower housing parts with test opening with side cover, housing cover necessary to complete the module |
| Number of positions | 16 |
| Max. number of positions | 0) |
| Type | Lower housing part, with snap-on foot and test opening with side cover |
| Ventilation openings present | no |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 45 mm |
| Height | 75 mm |

PCB design

| | |
|---|---|
| PCB thickness | 1.4 mm ... 1.8 mm |

### Material specifications

| | |
|---|---|
| Color (Housing) | green (RAL 6021) |
| Flammability rating according to UL 94 | HB |
| Housing material | ABS |
| Surface characteristics | untreated |

### Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |
| Max. IP code to attain | IP20 |
| Ambient temperature (operation) | -40 °C ... 80 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 80 °C |

PCB data

| Thickness of the PCB | 1.4 mm ... 1.8 mm |
|---|---|

## Mounting

| Mounting type | DIN rail mounting |
|---|---|
| Mounting position | Vertical (horizontal DIN rail) |

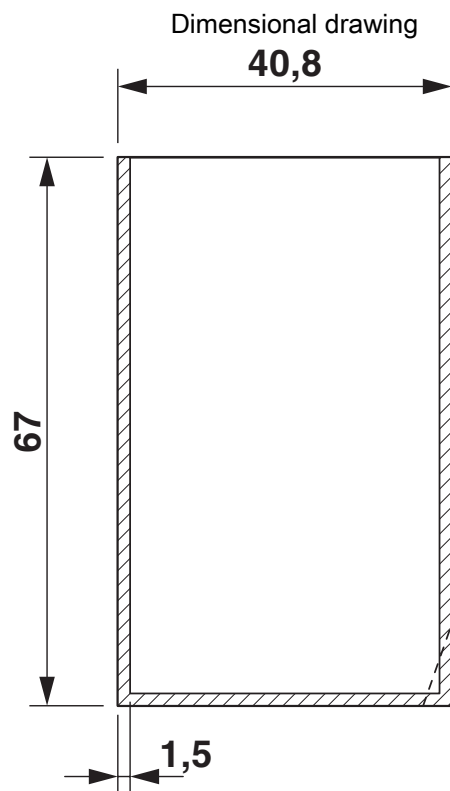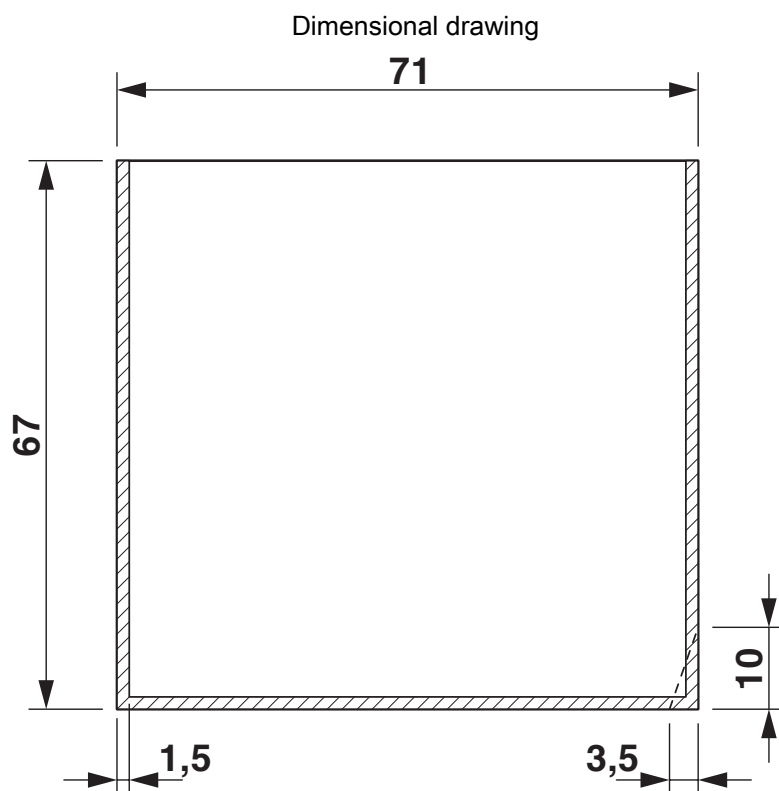# EG 45-GP/ABS GN - Mounting base housing

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## Drawings

Dimensional drawing

# EG 45-GP/ABS GN - Mounting base housing

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Dimensional drawing

40,8

67

1,5
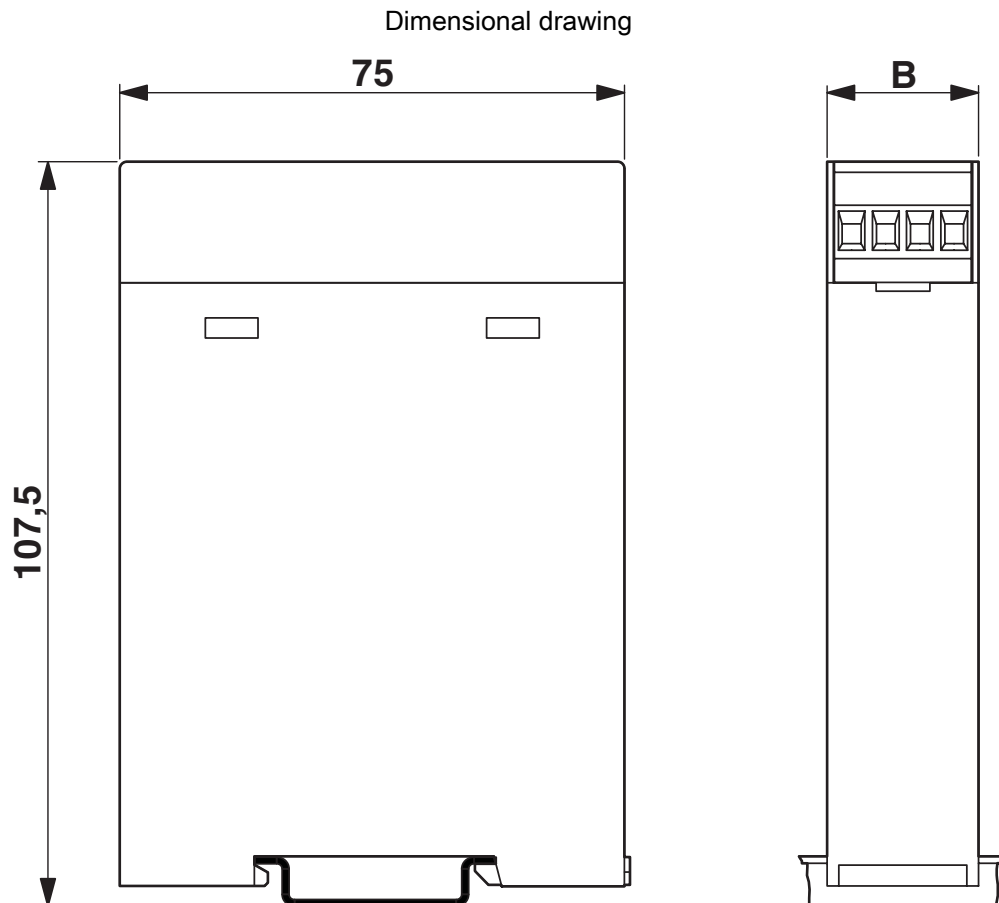
valid for PCB 1; 3; 5 and 6, see explosion drawing

Dimensional drawing

71

67

1,5

3,5

10

valid for PCB 10, see explosion drawing

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Exploded view

40,8   45,9

LP 14

LP 13

LP 1
LP 2
LP 3
LP 4
LP 5
LP 6

LP 7
LP 8
LP 9
LP 10
LP 11
LP 12
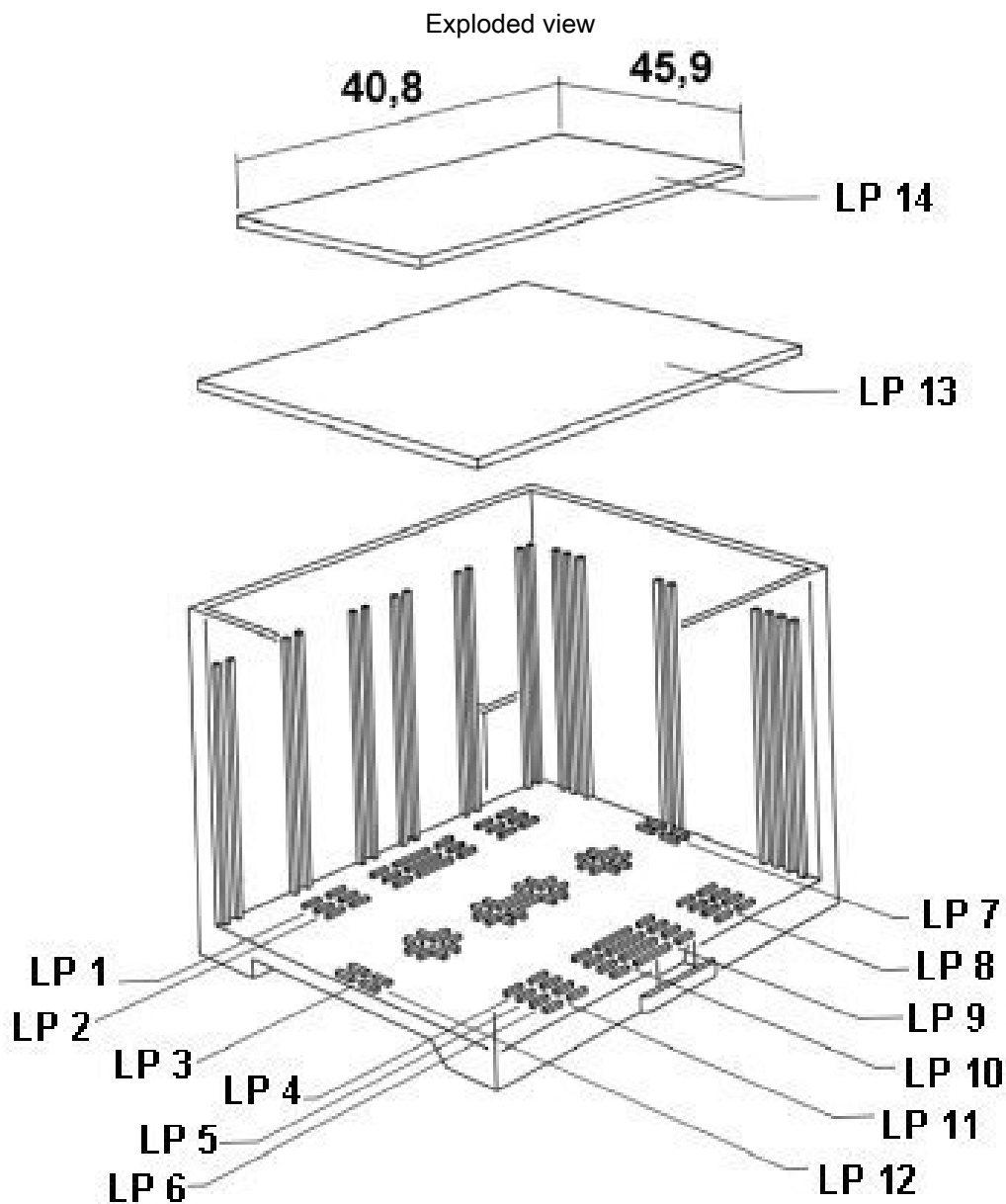
valid for PCB 14

# EG 45-GP/ABS GN - Mounting base housing

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Dimensional drawing
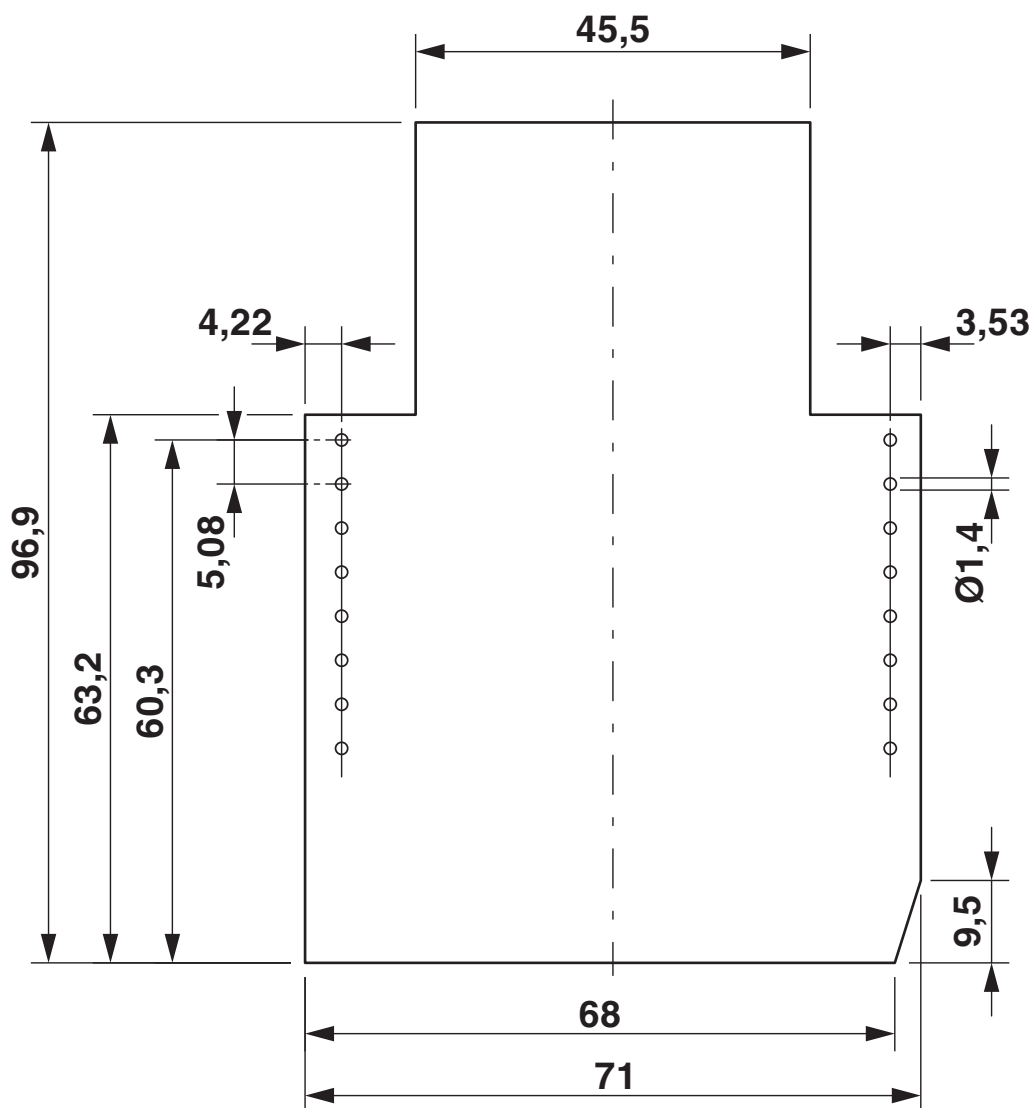


Component mounting side, if the double-level upper part is used

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Exploded view

41    71,5

LP 14

LP 13

LP 1
LP 2
LP 3
LP 4
LP 5
LP 6

LP 7
LP 8
LP 9
LP 10
LP 11
LP 12
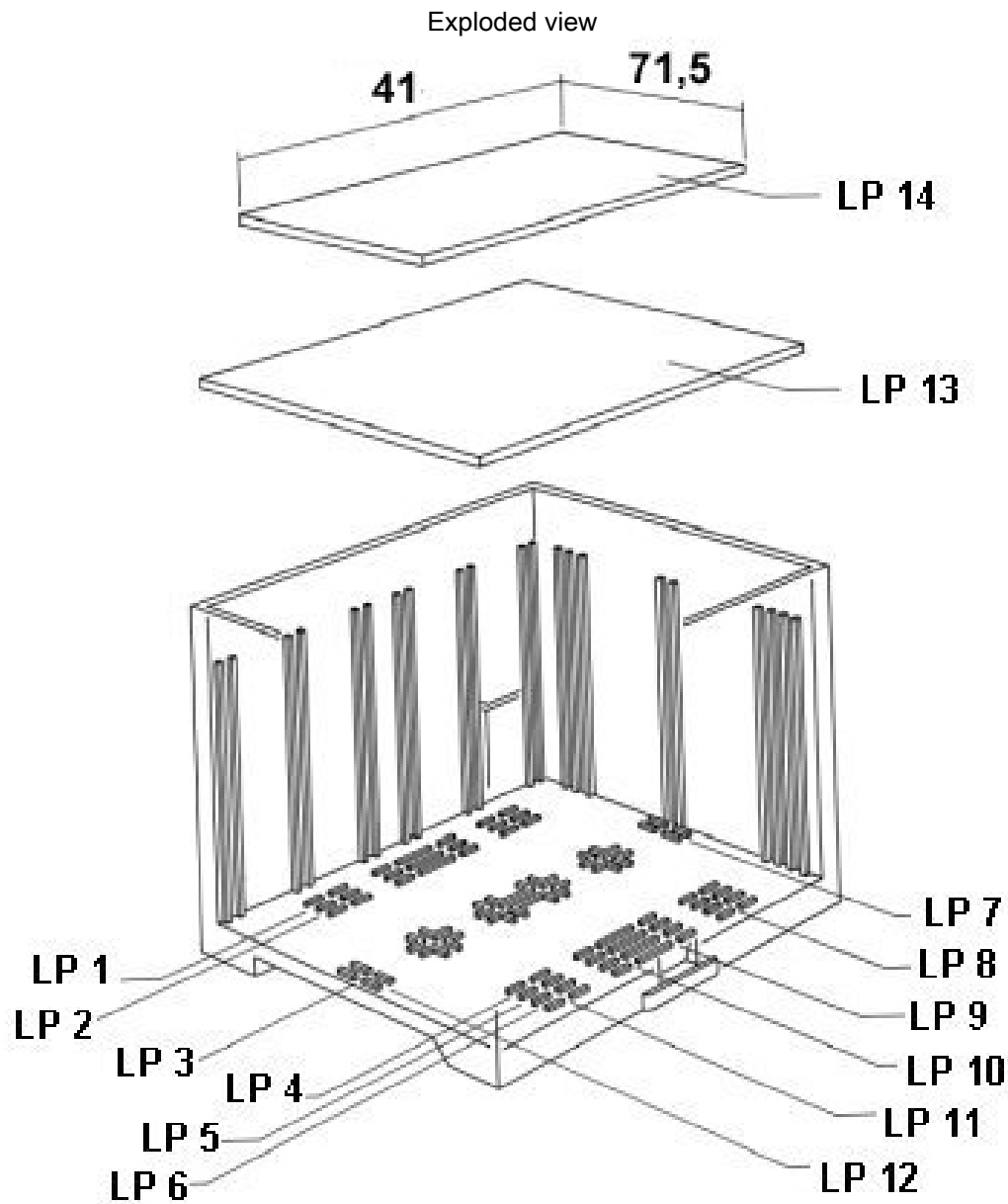
valid for PCB 13

# EG 45-GP/ABS GN - Mounting base housing

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Dimensional drawing
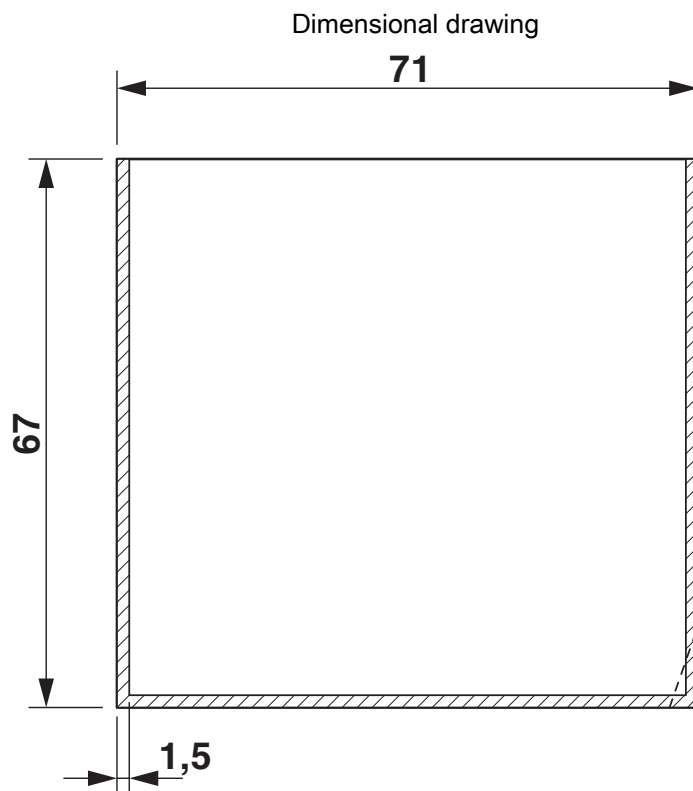


valid for PCB 7 and 12, see explosion drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2764153

| | **UL Recognized** |
|---|---|
| | Approval ID: FILE E 240868 |

# EG 45-GP/ABS GN - Mounting base housing

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## Classifications

### ECLASS

| ECLASS-11.0 | 27182702 |
|---|---|
| ECLASS-13.0 | 27190601 |

### ETIM

| ETIM 8.0 | EC001031 |
|---|---|

### UNSPSC

| UNSPSC 21.0 | 31261500 |
|---|---|

# EG 45-GP/ABS GN - Mounting base housing

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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% |

# EG 45-GP/ABS GN - Mounting base housing

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## Mandatory accessories

### EG 45-AE/ABS GN - Upper housing part

2764409

https://www.phoenixcontact.com/us/products/2764409

Component housing, Cover, for one-sided connection, width: 45 mm, height: 75 mm, color: green (similar RAL 6021)
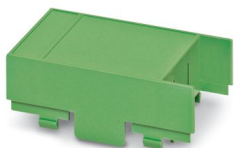
### EG 45-A/ABS GN - Upper housing part

2764179

https://www.phoenixcontact.com/us/products/2764179

Component housing, Cover, for two-sided connection, width: 45 mm, height: 75 mm, color: green (similar RAL 6021)
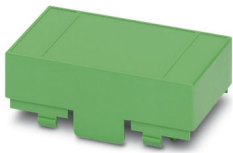
# EG 45-GP/ABS GN - Mounting base housing

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https://www.phoenixcontact.com/us/products/2764153

## EG 45-AG/ABS GN - Upper housing part

2907363

https://www.phoenixcontact.com/us/products/2907363

Component housing, Cover, closed, width: 45 mm, height: 75 mm, color: green (similar RAL 6021)

## Accessories

### CR-MSTB - Coding section

1734401

https://www.phoenixcontact.com/us/products/1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material

# EG 45-GP/ABS GN - Mounting base housing

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## CP-MSTB - Coding profile

1734634

https://www.phoenixcontact.com/us/products/1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

## MSTBO 2,5/ 8-GL-5,08 - PCB header

1850495

https://www.phoenixcontact.com/us/products/1850495

PCB headers, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MSTBO 2,5/..-GL, pitch: 5.08 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard
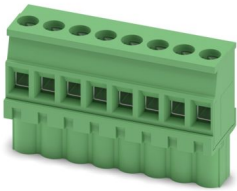
# EG 45-GP/ABS GN - Mounting base housing

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## MVSTBW 2,5/ 8-ST - PCB connector

1792582

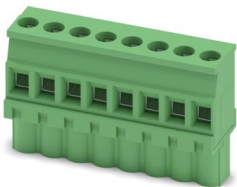https://www.phoenixcontact.com/us/products/1792582

PCB connector, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MVSTBW 2,5/..-ST, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## MVSTBW 2,5/ 8-ST-5,08 - PCB connector

1792812

https://www.phoenixcontact.com/us/products/1792812

PCB connector, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MVSTBW 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

# EG 45-GP/ABS GN - Mounting base housing

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## MVSTBW 2,5/ 8-STEH - PCB connector

1784309

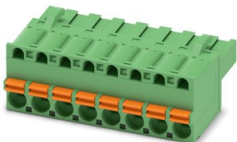https://www.phoenixcontact.com/us/products/1784309



PCB connector, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MVSTBW 2,5/..-STEH, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## FKCT 2,5/ 8-ST - PCB connector

1909278

https://www.phoenixcontact.com/us/products/1909278



PCB connector, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: FKCT 2,5/..-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard
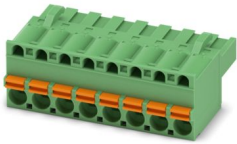
# EG 45-GP/ABS GN - Mounting base housing

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https://www.phoenixcontact.com/us/products/2764153

## FKCT 2,5/ 8-ST-5,08 - PCB connector

1902178

https://www.phoenixcontact.com/us/products/1902178

PCB connector, nominal cross section: 2.5 mm$^2$, color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: FKCT 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, type of packaging: packed in cardboard

## MKKDSH 3/ 2 - PCB terminal block

1721045

https://www.phoenixcontact.com/us/products/1721045

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm$^2$, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: MKKDSH 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

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## MKKDSH 3/ 3 - PCB terminal block

1721346

https://www.phoenixcontact.com/us/products/1721346

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm$^2$, number of potentials: 3, number of rows: 1, number of positions per row: 3, product range: MKKDSH 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

## MKKDSH 3/ 8 - PCB terminal block

1703283

https://www.phoenixcontact.com/us/products/1703283

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm$^2$, number of potentials: 8, number of rows: 1, number of positions per row: 8, product range: MKKDSH 3, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!