

# EG 45-GMFP/PC GY - Mounting base housing



2735386

<https://www.phoenixcontact.com/us/products/2735386>

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Housing base, with metal foot catch and test opening with side cover

## Your advantages

- Tool-free mounting

## Commercial data

Item number	2735386
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AC11
Product key	ACHCGA
GTIN	4017918572167
Weight per piece (including packing)	60.77 g
Weight per piece (excluding packing)	60 g
Customs tariff number	85389099
Country of origin	PL

# EG 45-GMFP/PC GY - Mounting base housing



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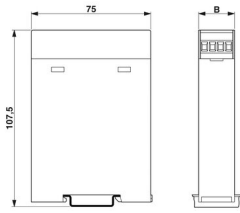
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## Technical data

### Product properties

Type	Lower housing parts with test opening with side cover, housing cover necessary to complete the module
Product type	Enclosure bottom part
Product family	EG G PC
Number of positions	16
Type	Lower housing part with metal foot catch and test opening with side cover
Housing type	Component housing
Ventilation openings present	no
Housing series	EG

### Dimensions

Dimensional drawing	
Width	45 mm
Height	75 mm

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

Color	gray (7040)
Flammability rating according to UL 94	V0
Surface characteristics	untreated
Housing material	Polycarbonate

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

### PCB data

Thickness of the PCB	1.4 mm ... 1.8 mm
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## Mounting

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

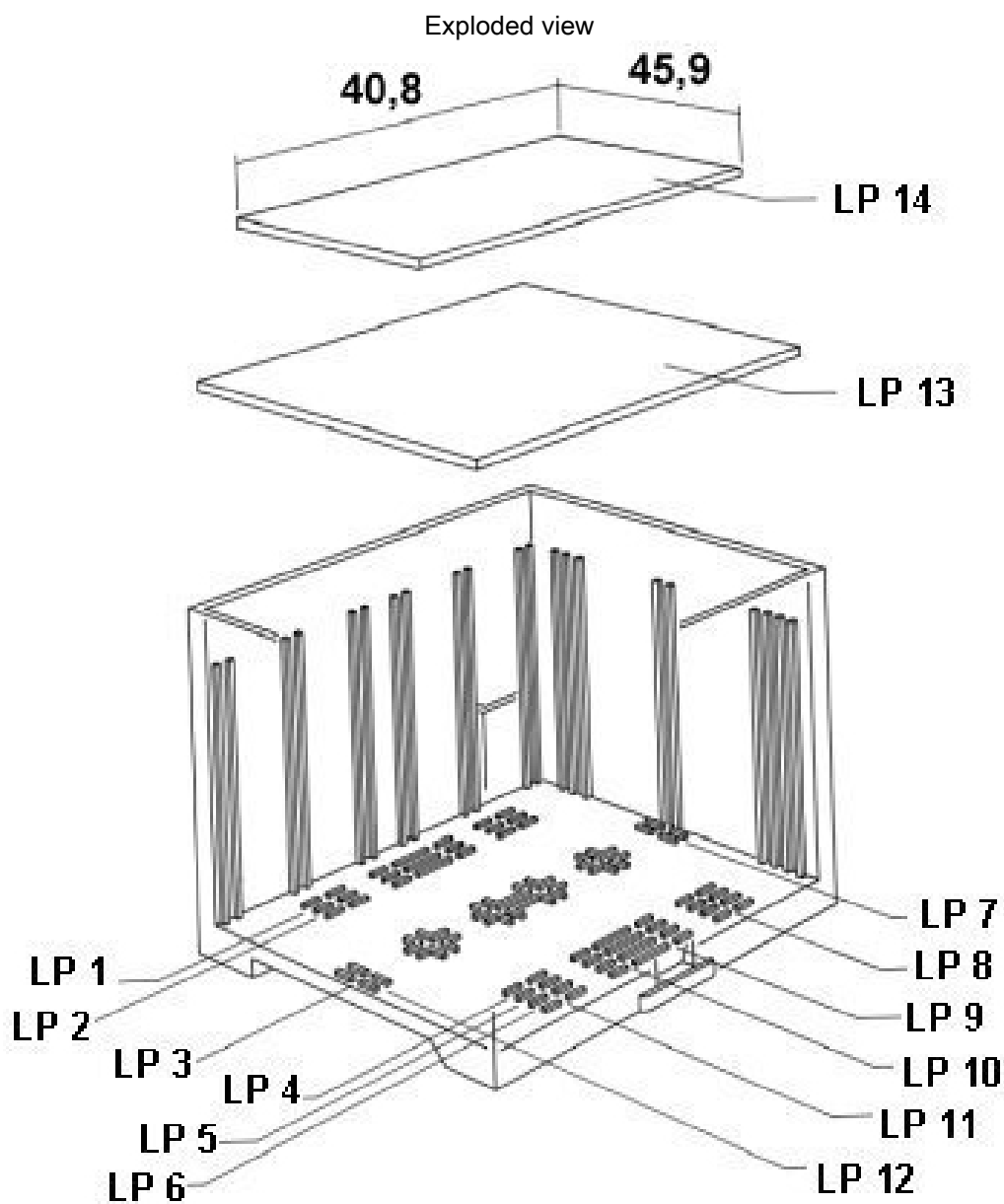
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## Drawings

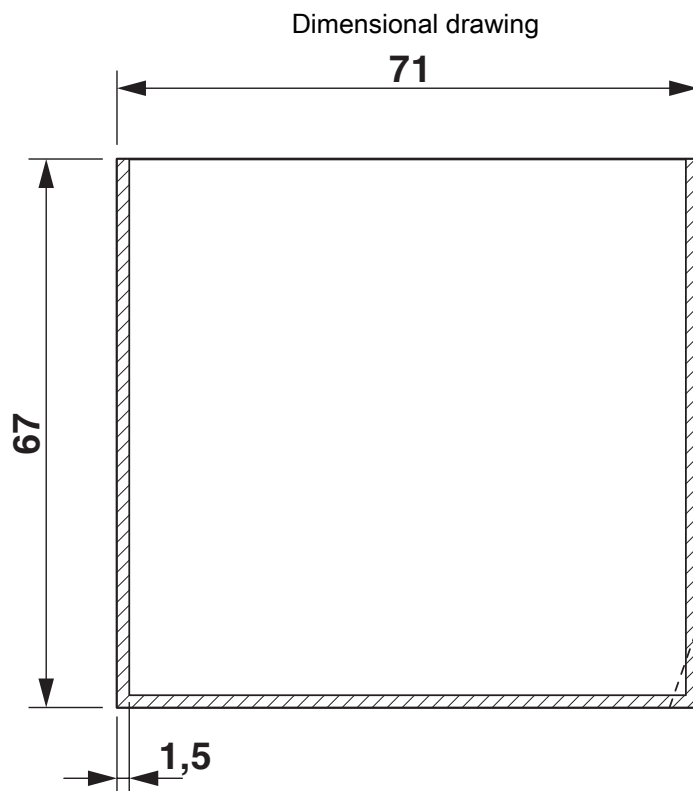


valid for PCB 14

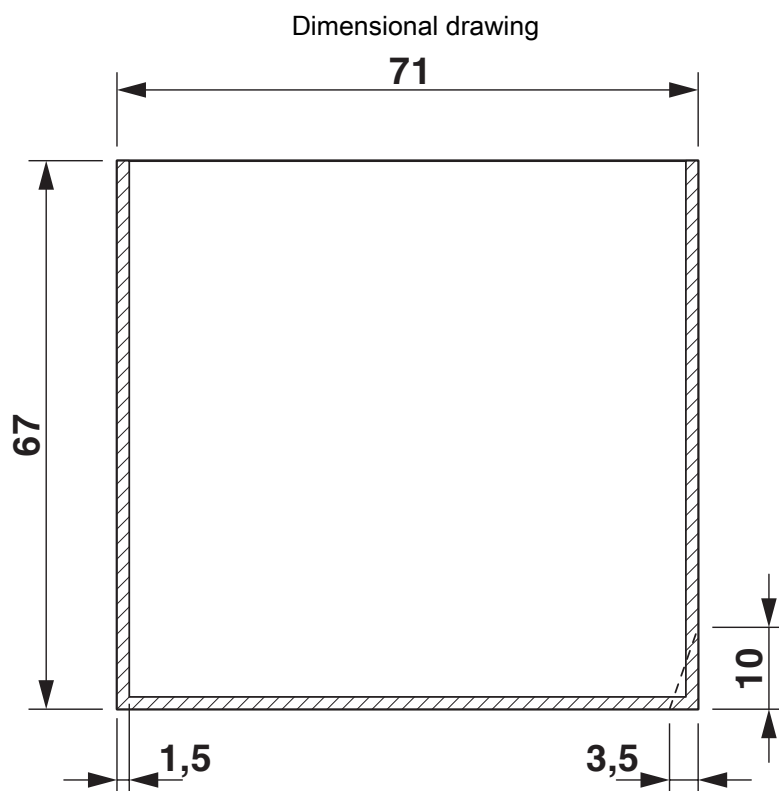
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valid for PCB 7 and 12, see explosion drawing



valid for PCB 10, see explosion drawing

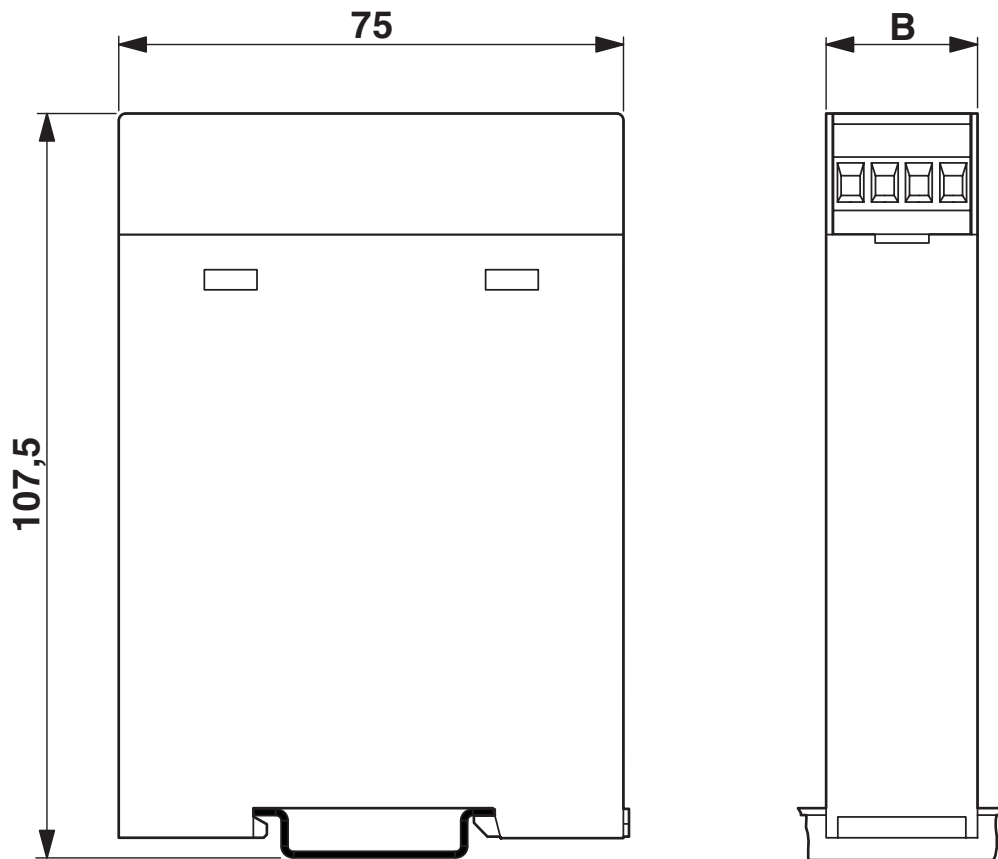
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Dimensional drawing



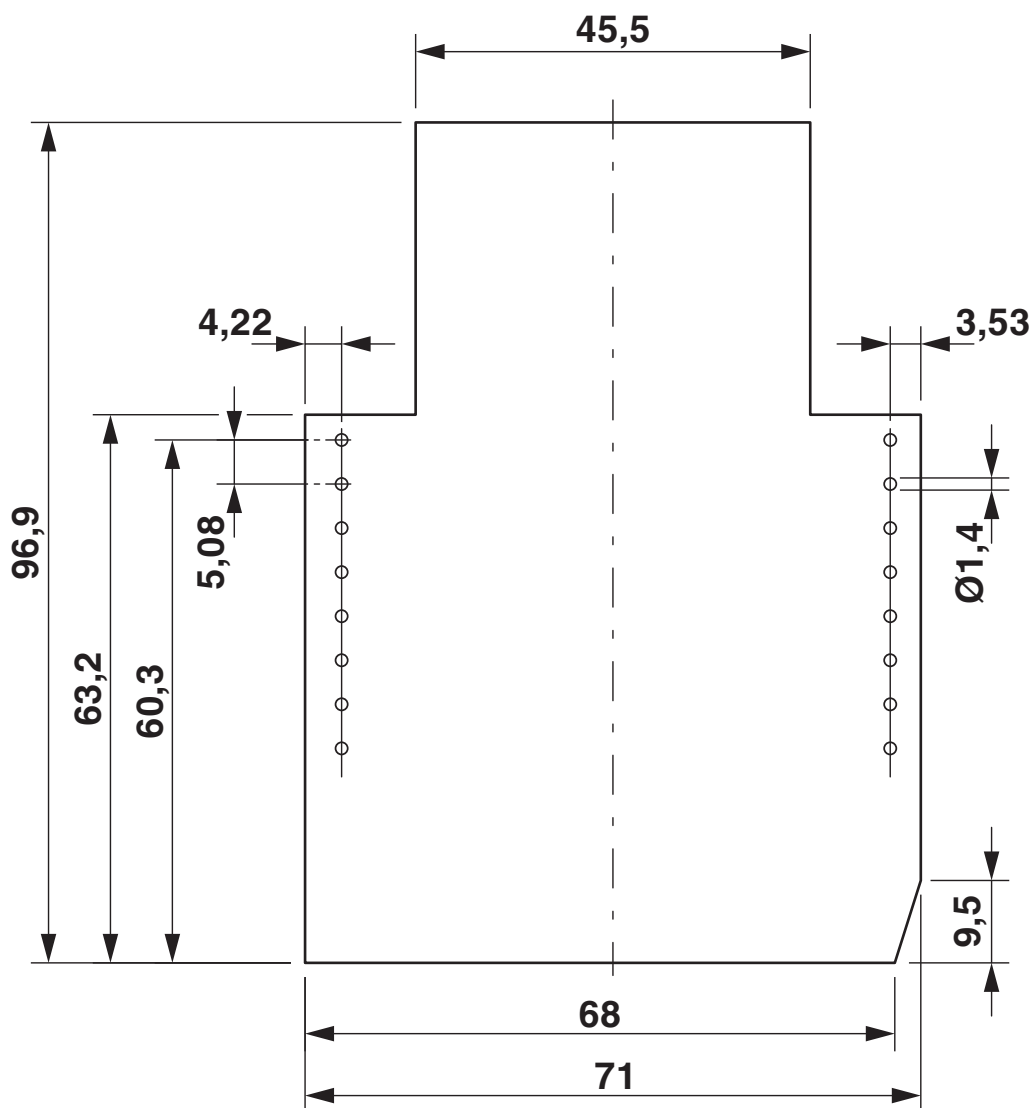
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Dimensional drawing

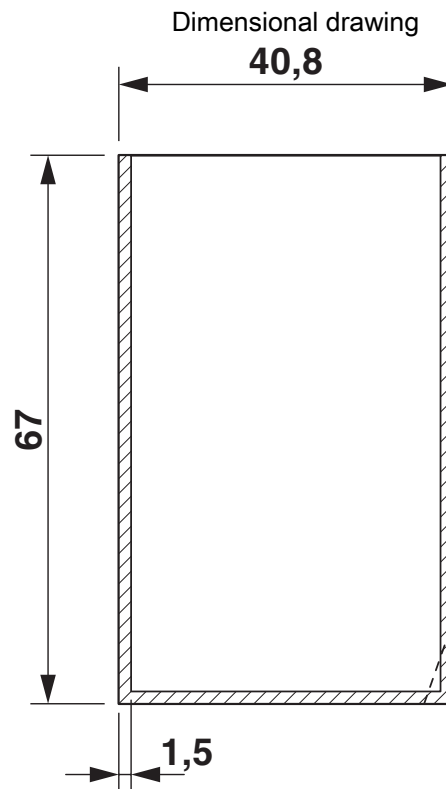


Component mounting side, if the double-level upper part is used

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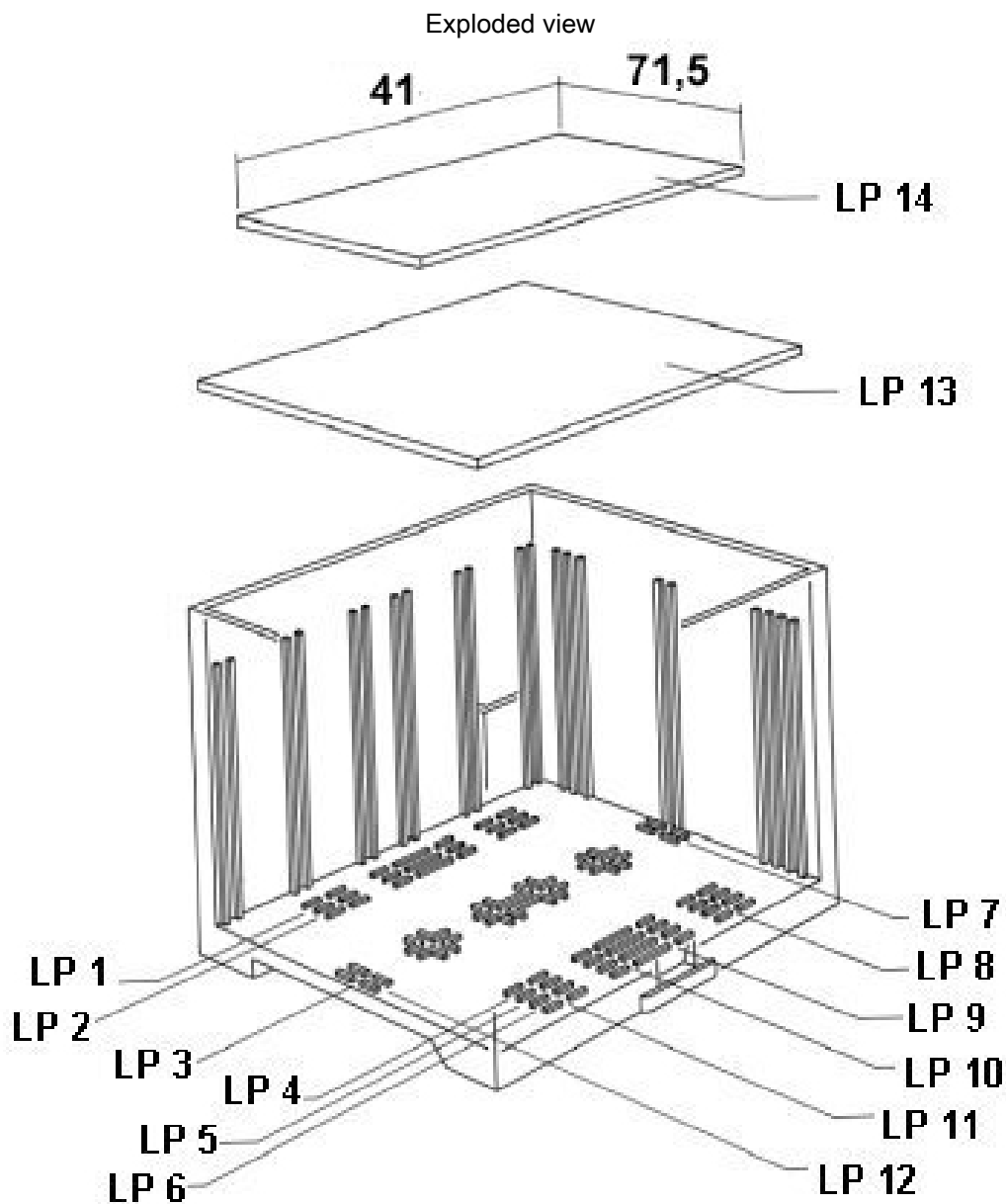
valid for PCB 1; 3; 5 and 6, see explosion drawing



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valid for PCB 13

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2735386>



**UL Recognized**

Approval ID: FILE E 240868

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## Classifications

### ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

### ETIM

ETIM 8.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

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

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## Mandatory accessories

### EG 45-AE/PC GN - Upper part of housing

2764865

<https://www.phoenixcontact.com/us/products/2764865>

Component housing, Cover, for one-sided connection, width: 45 mm, height: 75 mm, color: green (6021)



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### EG 45-A/PC GN - Upper part of housing

2764878

<https://www.phoenixcontact.com/us/products/2764878>

Housing cover,for connection on both sides



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## EG 45-AG/PC GN - Upper part of housing

2764881

<https://www.phoenixcontact.com/us/products/2764881>

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



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## EG 45-A/PC GY - Upper part of housing

2853129

<https://www.phoenixcontact.com/us/products/2853129>

Component housing, Cover, for two-sided connection, width: 45 mm, height: 75 mm, color: gray (7040)



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## Accessories

# EG 45-GMFP/PC GY - Mounting base housing



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## 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



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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



# EG 45-GMFP/PC GY - Mounting base housing



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

1926772

<https://www.phoenixcontact.com/us/products/1926772>

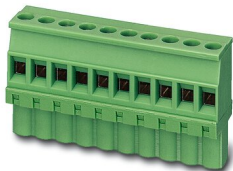


PCB headers, nominal cross section: 2.5 mm<sup>2</sup>, color: gray, nominal current: 8 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Pin, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, product range: MSTBO 2,5/...-GL, pitch: 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

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

1825996

<https://www.phoenixcontact.com/us/products/1825996>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: gray, 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



# EG 45-GMFP/PC GY - Mounting base housing



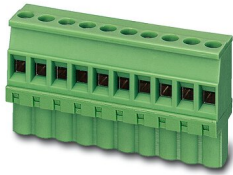
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## MVSTBW 2,5/ 8-ST-5,08 GY - PCB connector

1829293

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PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: gray, 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

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## MVSTBW 2,5/ 8-STE H GY - PCB connector

1863628

<https://www.phoenixcontact.com/us/products/1863628>



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, color: gray, 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/...-STE H, 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

# EG 45-GMFP/PC GY - Mounting base housing



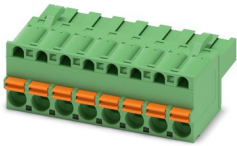
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## FKCT 2,5/ 8-ST - PCB connector

1909278

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



PCB connector, nominal cross section: 2.5 mm<sup>2</sup>, 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

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## 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<sup>2</sup>, 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!

# EG 45-GMFP/PC GY - Mounting base housing



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## MKKDSH 3/ 2 GY - PCB terminal block

1932478

<https://www.phoenixcontact.com/us/products/1932478>



PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, 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: gray, 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

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PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, 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!

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## MKKDSH 3/ 8 - PCB terminal block

1703283

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PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, 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!

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