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
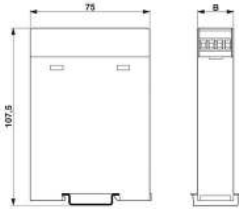
- Tool-free mounting

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

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

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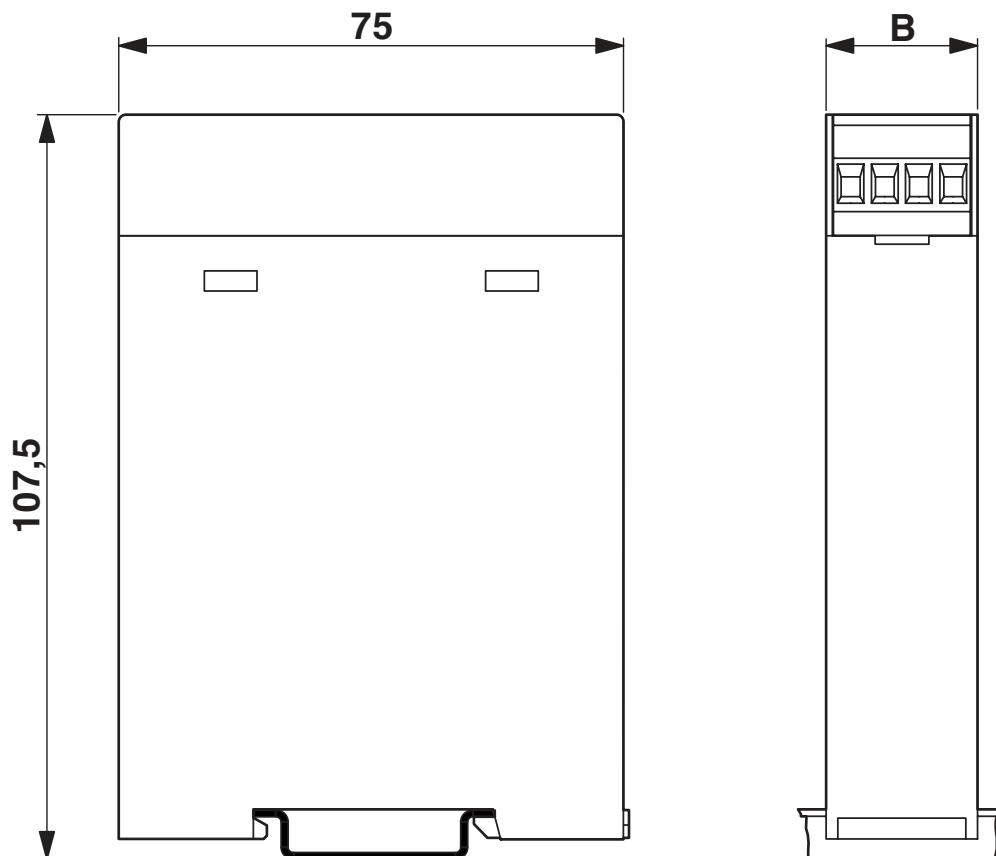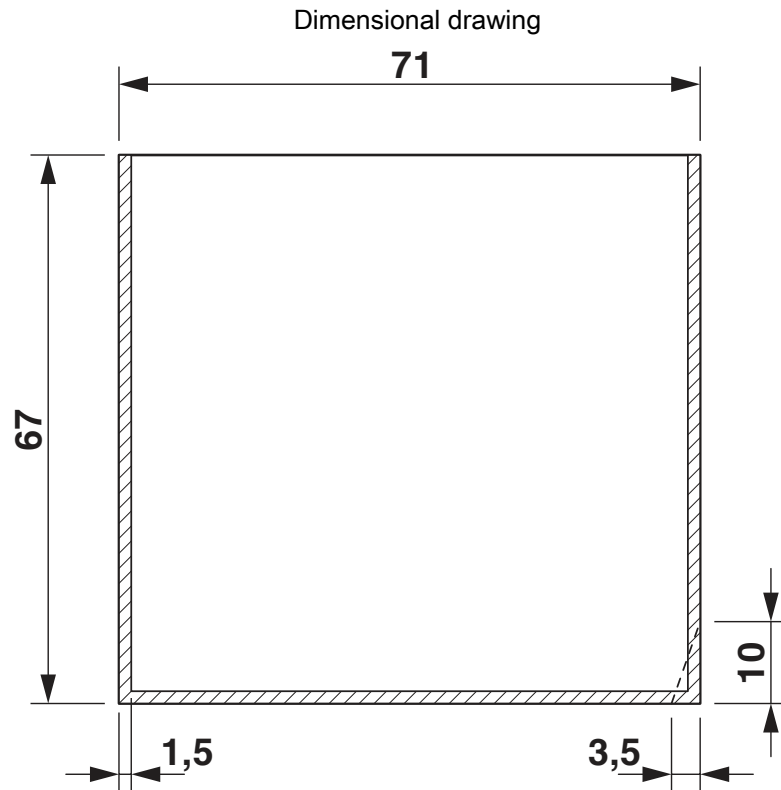https://www.phoenixcontact.com/us/products/2735386

Drawings

Dimensional drawing

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Dimensional drawing

valid for PCB 10, see explosion drawing

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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
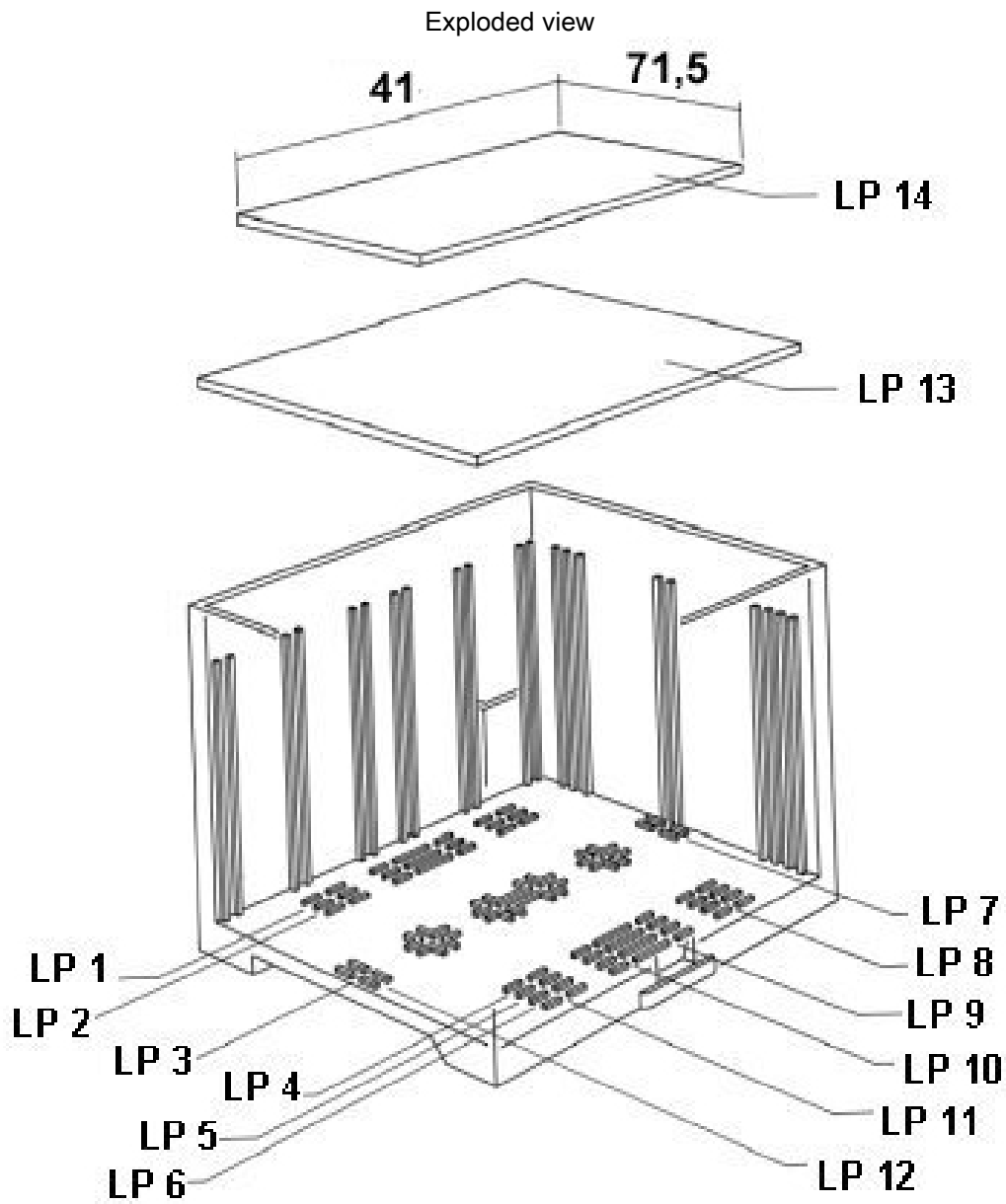
valid for PCB 13

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Dimensional drawing

45,5

4,22

3,53

96,9

63,2

60,3

5,08

Ø1,4

9,5

68

71
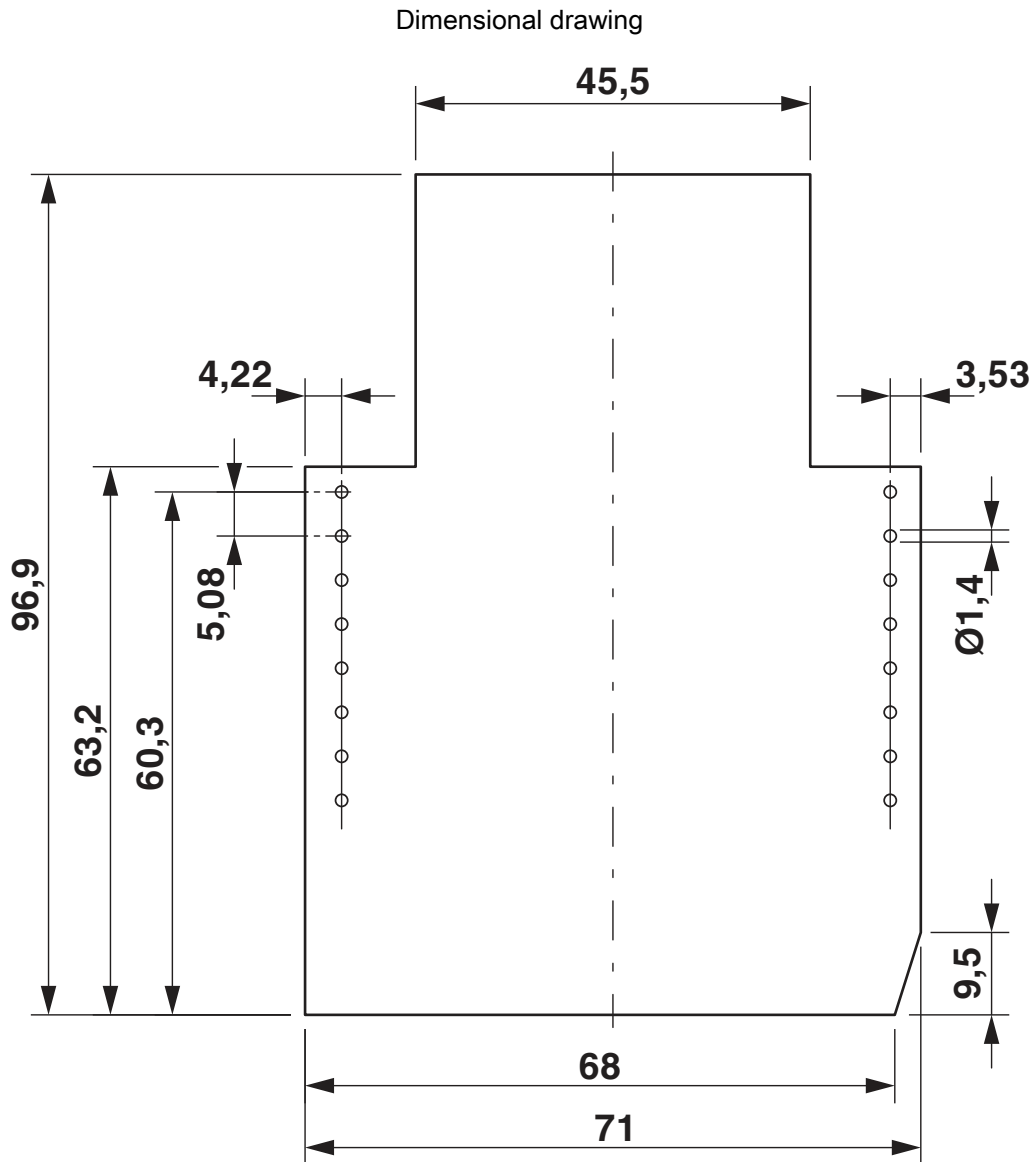
Component mounting side, if the double-level upper part is used

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
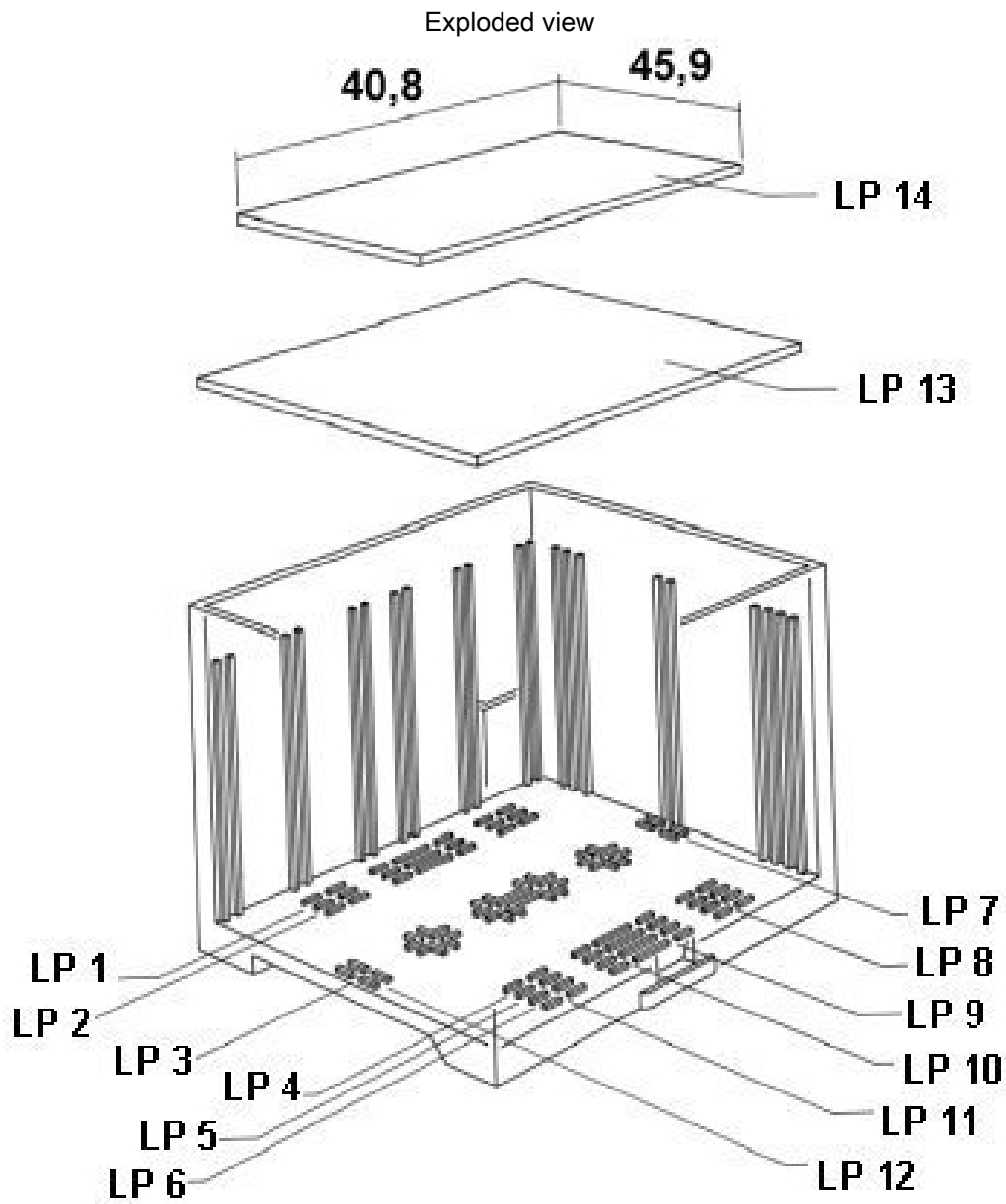
valid for PCB 14

EG 45-GMFP/PC GY - Mounting base housing

Dimensional drawing

71

67

1,5
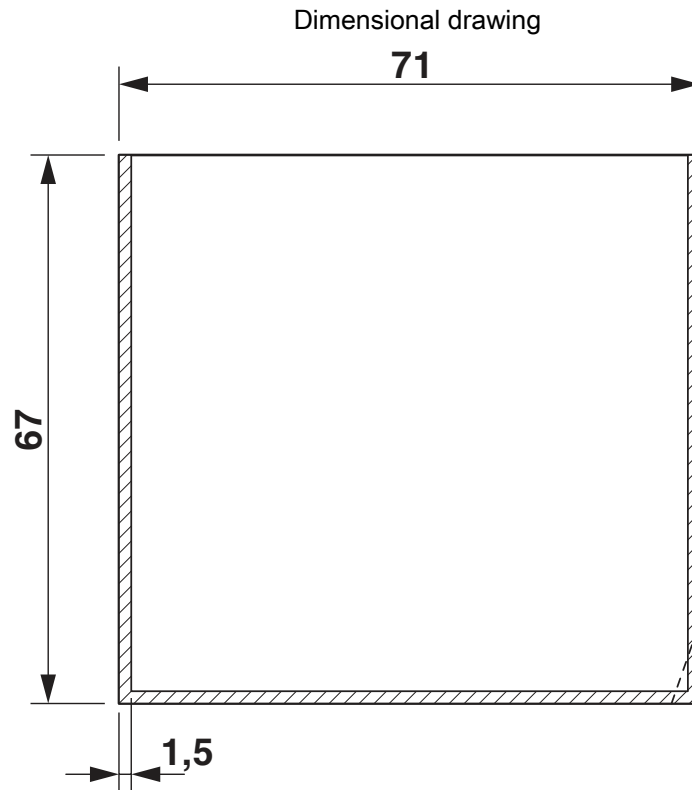
valid for PCB 7 and 12, see explosion drawing

Dimensional drawing

40,8

67

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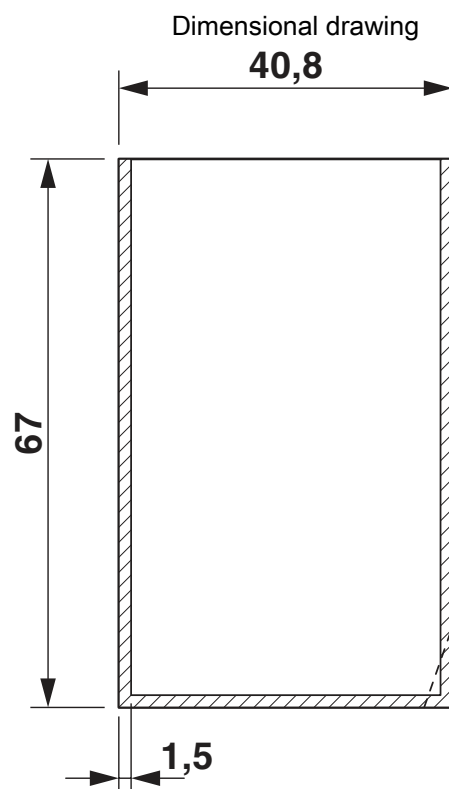
valid for PCB 1; 3; 5 and 6, see explosion drawing

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

UNSPSC

UNSPSC 21.0	31261500

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)

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)

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)

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

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

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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^2, 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^2, 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

https://www.phoenixcontact.com/us/products/1829293

PCB connector, nominal cross section: 2.5 mm^2, 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

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

1863628

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

PCB connector, nominal cross section: 2.5 mm^2, 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/..-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

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^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

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!

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^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: 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!

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!

EG 45-GMFP/PC GY - Mounting base housing

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

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!