PHŒNIX CONTACT

Mounting base housing - EG 90-GP/ABS GN - 2764315

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)

Housing base, with snap foot and test opening with side cover

The figure shows a fully mounted version of the electronic housing

Your advantages

☑ Tool-free mounting

☑ Fast snap-on mounting on symmetrical DIN rails according to EN 60715

☑ Practical and easy-to-wire conductor connection using extra finely stranded sturdy screw terminal blocks up to 2.5 mm²

☑ Functional and industry-oriented housing technology

☑ Optimum accommodation of electronic components with graded pitches with a design width of 22.5 mm, 45 mm, 67.5 mm, and 90 mm

☑ Date of manufacture and material and part identification embossed on the housing (recyclability)

☑ Shock and contamination-proof accommodation of electronic components (IP40 housing, IP20 terminal blocks)

RoHS

Key Commercial Data

Packing unit	10 pc
GTIN	4 017918 065942
GTIN	4017918065942

Technical data

General

Housing type	Component housing
Housing material	Acryl butadiene styrene (ABS)
Color (RAL)	green (6021)

Ambient conditions

Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 80 °C
Ambient temperature (operation)	-40 °C ... 80 °C (depending on power dissipation)

PHŒNIX CONTACT

Mounting base housing - EG 90-GP/ABS GN - 2764315

Technical data

Dimensions

Length	75 mm
Installed height	107.5 mm
Width	90 mm
Depth	75 mm

Technical data

Power dissipation without gap	6 W
Power dissipation with 20 mm gap	9.1 W
Number of positions	34

Standards and Regulations

Flammability rating according to UL 94	HB

Environmental Product Compliance

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

Drawings

PHŒNIX CONTACT
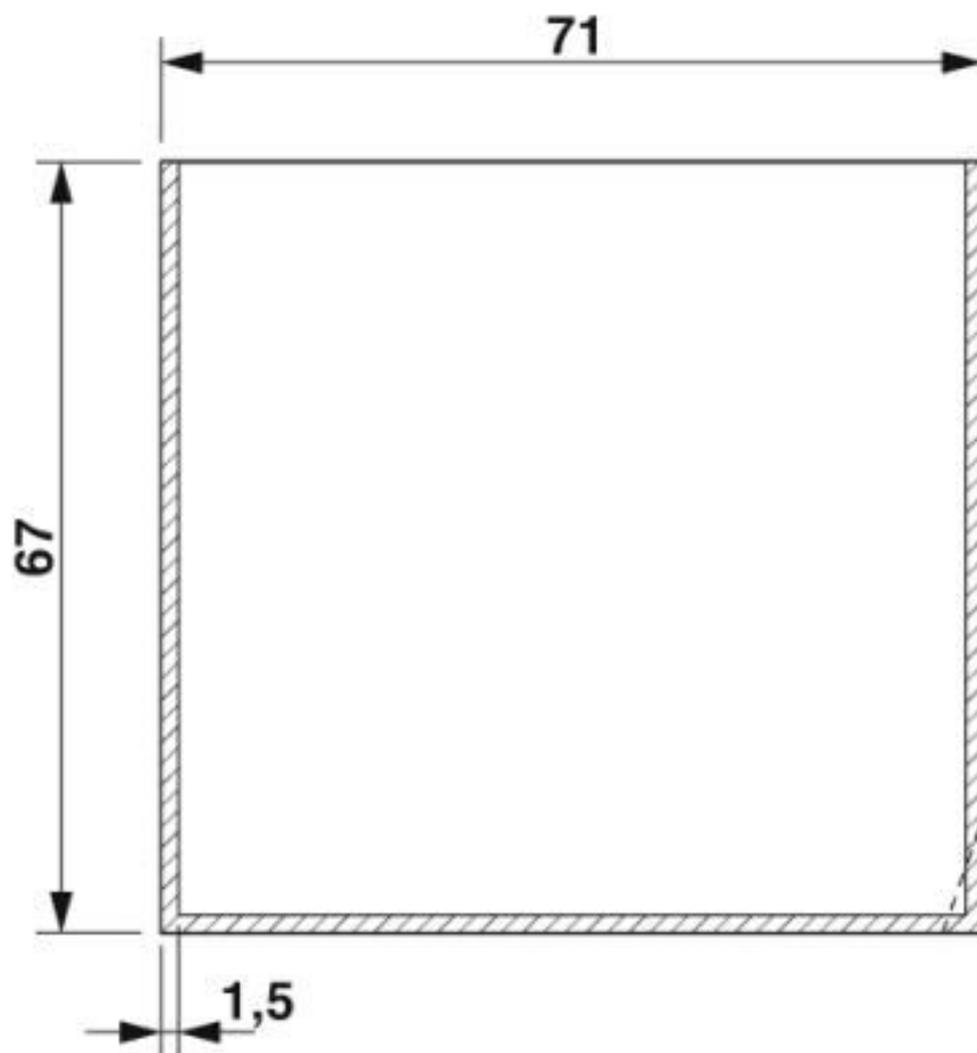
Mounting base housing - EG 90-GP/ABS GN - 2764315

Dimensional drawing
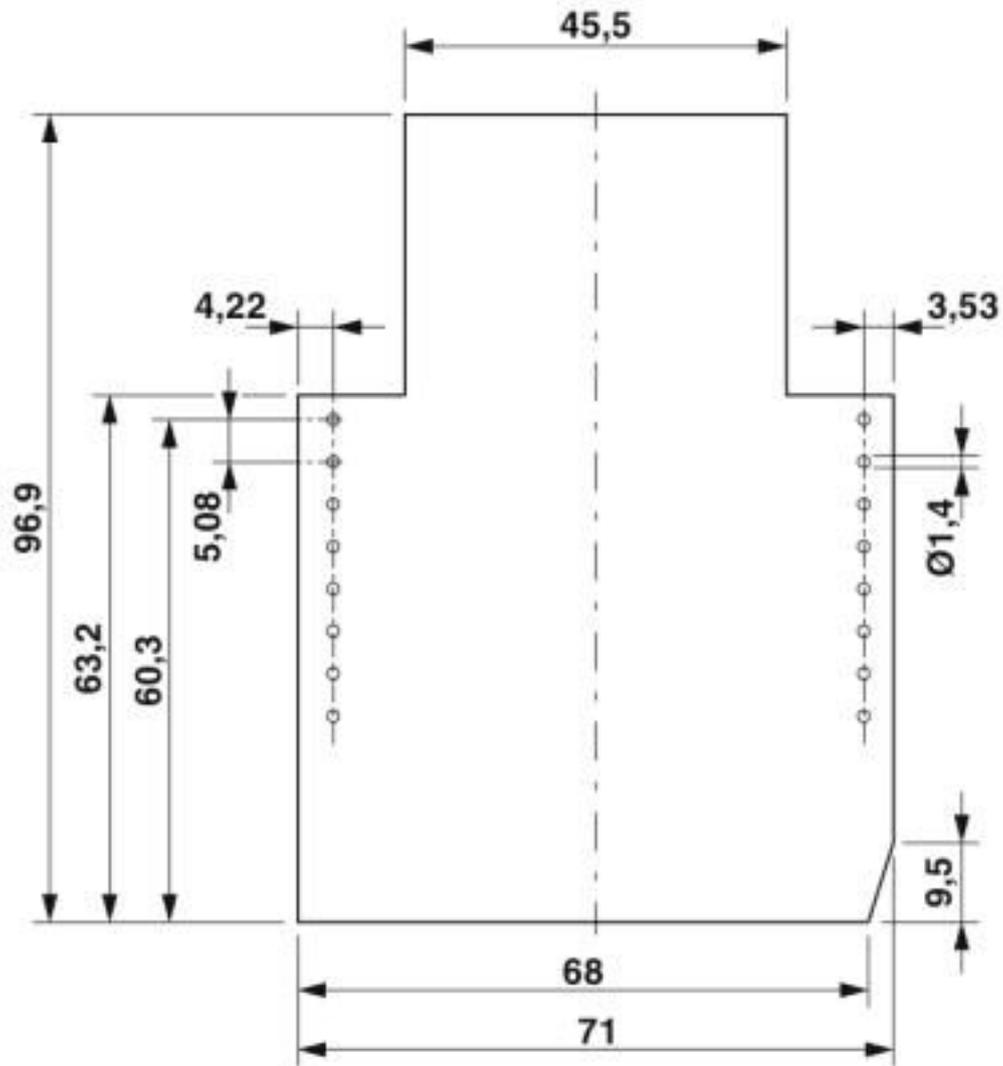
Component mounting side, if the double-level upper part is used
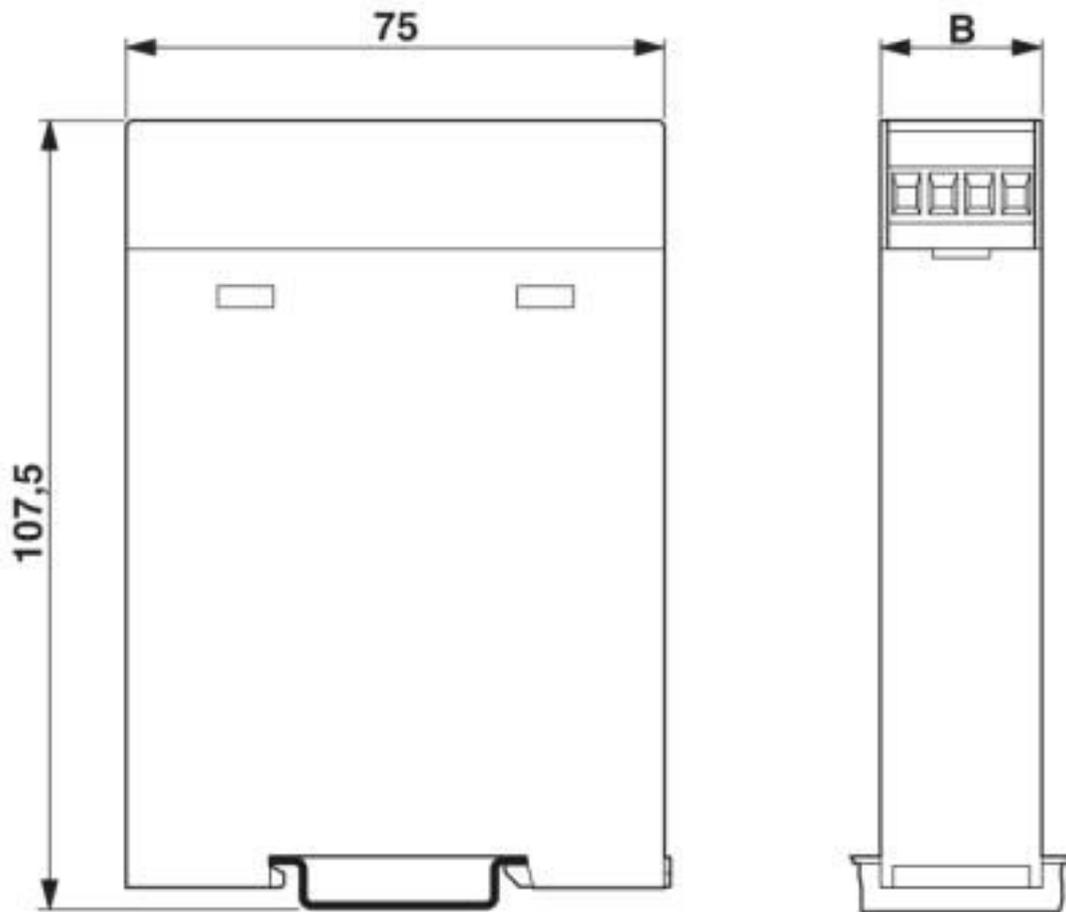
Mounting base housing - EG 90-GP/ABS GN - 2764315

Dimensional drawing

valid for PCB 7; 8; 11 and 12, see explosion drawing
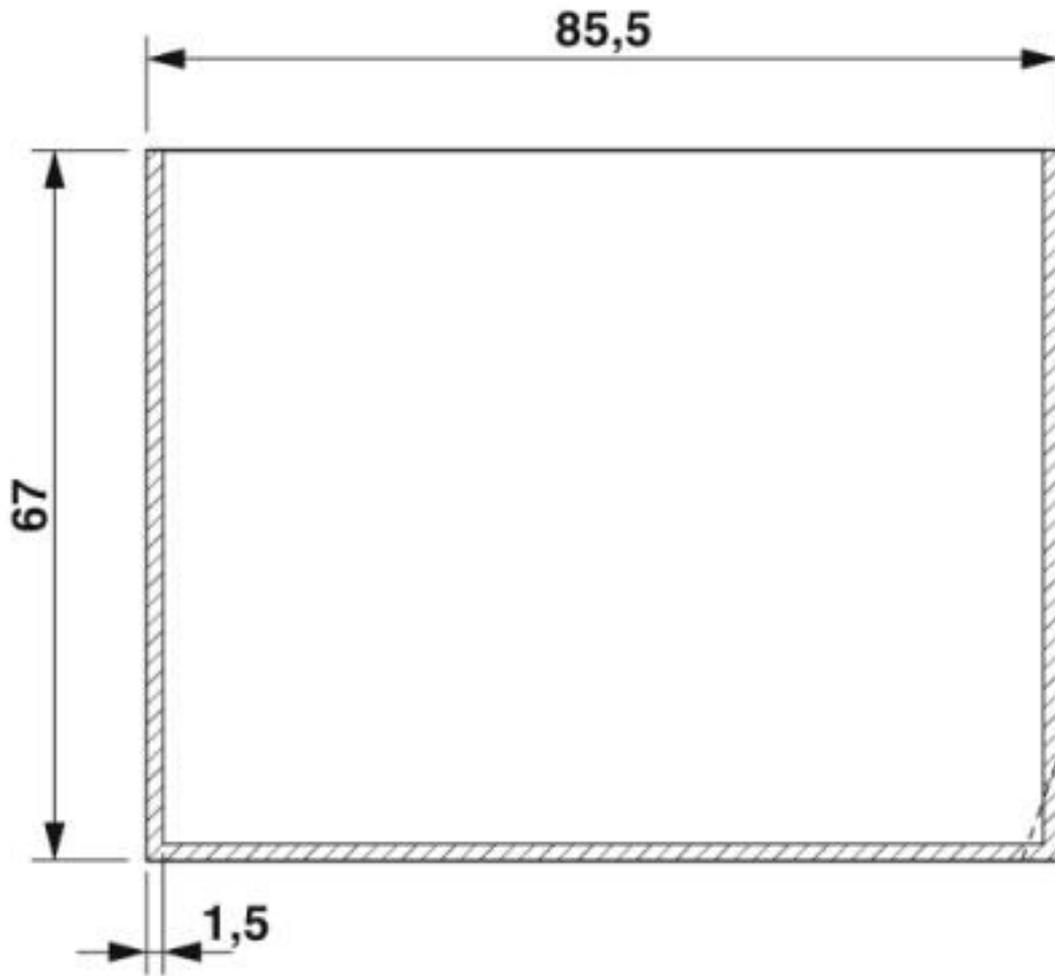
PHŒNIX CONTACT

Mounting base housing - EG 90-GP/ABS GN - 2764315

Dimensional drawing

PHŒNIX CONTACT

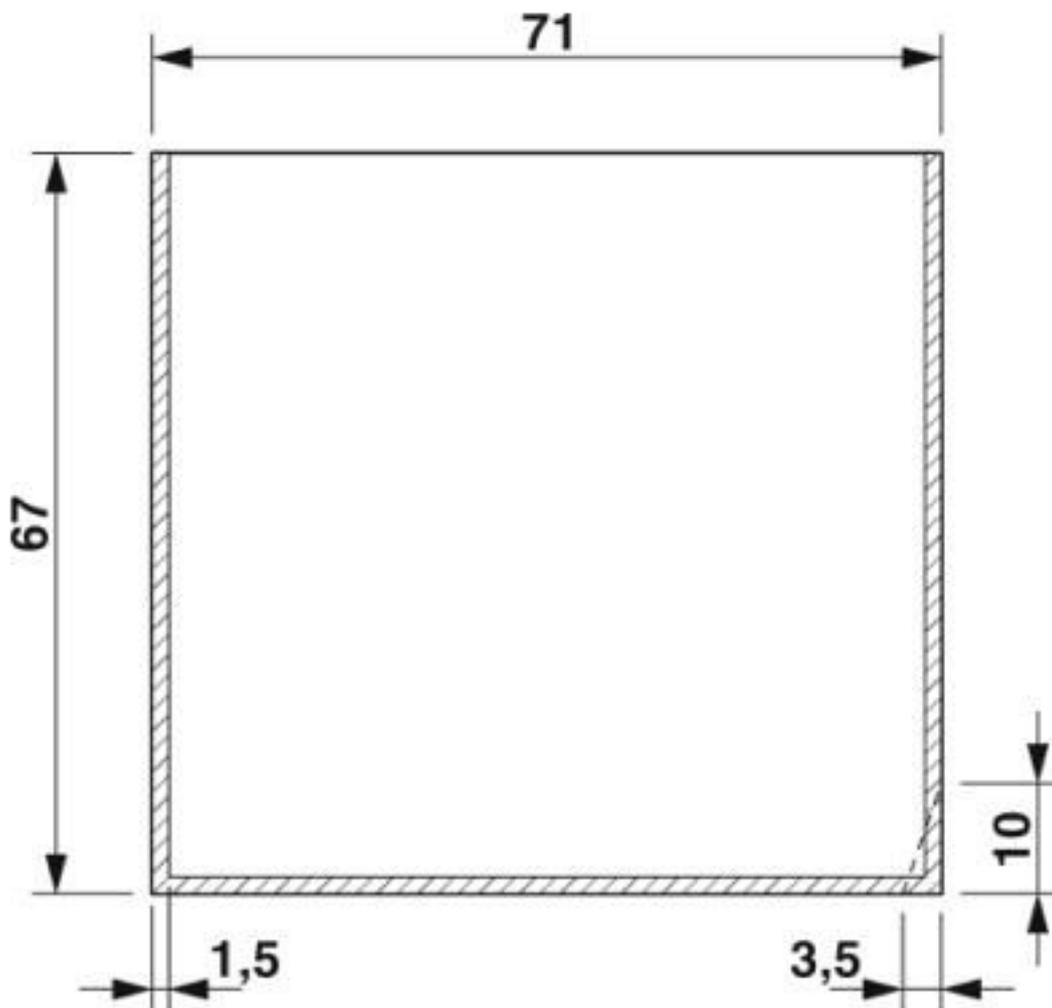# Mounting base housing - EG 90-GP/ABS GN - 2764315

Dimensional drawing

85,5

67

1,5

valid for PCB 1; 2; 3; 4; 5 und 6, see explosion drawing

Mounting base housing - EG 90-GP/ABS GN - 2764315

Dimensional drawing

valid for PCB 9 and 10, see explosion drawing

Classifications

eCl@ss

eCl@ss 10.0.1	27182702
eCl@ss 11.0	27182702
eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

Mounting base housing - EG 90-GP/ABS GN - 2764315

Classifications

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

Approvals

Approvals

Approvals

EAC / UL Recognized

Ex Approvals

Approval details

EAC	EAC	B.01687

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 240868

Accessories

Accessories

Coding element

Mounting base housing - EG 90-GP/ABS GN - 2764315

Accessories

Coding section - CR-MSTB - 1734401

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

Coding profile - CP-MSTB - 1734634

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

Coding section - CR-MSTB - 1734401

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

Coding profile - CP-MSTB - 1734634

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

PCB plug

Printed-circuit board connector - MVSTBW 2,5/ 9-ST - 1792595

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 9, Number of rows: 1, Number of positions per row: 9, number of connections: 9, product range: MVSTBW 2,5/..-ST, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: -90 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Mounting base housing - EG 90-GP/ABS GN - 2764315

Accessories

Printed-circuit board connector - MVSTBW 2,5/17-ST - 1792676

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 17, Number of rows: 1, Number of positions per row: 17, number of connections: 17, product range: MVSTBW 2,5/..-ST, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: -90 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - MVSTBW 2,5/ 8-STEH - 1784309

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 8, Number of rows: 1, Number of positions per row: 8, number of connections: 8, product range: MVSTBW 2,5/..-STEH, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: -90 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Plug - MVSTBW 2,5/ 9-STEH - 1763401

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 9, Number of rows: 1, Number of positions per row: 9, number of connections: 9, product range: MVSTBW 2,5/..-STEH, pitch: 5 mm, connection method: Screw connection with tension sleeve, conductor/PCB connection direction: -90 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - FKCT 2,5/17-ST - 1909362

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 17, Number of rows: 1, Number of positions per row: 17, number of connections: 17, product range: FKCT 2,5/..-ST, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Printed-circuit board connector - FKCT 2,5/17-ST-5,08 - 1902262

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Tin, type of contact: Female connector, Number of potentials: 17, Number of rows: 1, Number of positions per row: 17, number of connections: 17, product range: FKCT 2,5/..-ST, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, Stecksystem: CLASSIC COMBICON, Locking: without, type of packaging: packed in cardboard

Printed circuit board terminal

Mounting base housing - EG 90-GP/ABS GN - 2764315

Accessories

PCB terminal block base - MKKDSH 3/ 2 - 1721045

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², 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, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

PCB terminal block - MKKDSH 3/ 3 - 1721346

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², 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, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

PCB terminal block base - MKKDSH 3/ 8 - 1703283

PCB terminal block, nominal current: 24 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm², 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, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 5 mm, type of packaging: packed in cardboard. The article can be aligned to create different nos. of positions!

Necessary add-on products

Upper part of housing - EG 90-AE/ABS GN - 2907350

Housing cover, for connection on one side

Upper part of housing - EG 90-A/ABS GN - 2764399

Component housing, length: 75 mm, Upper part, color: green, width: 90 mm, height: 17.5 mm

Mounting base housing - EG 90-GP/ABS GN - 2764315

Accessories

Upper part of housing - EG 90-AG/ABS GN - 2907389

Housing cover, closed