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Mounting base housing - EG 45-G/ABS GN - 2764140

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Lower housing part, with snap-on foot

The figure shows a fully mounted version of the electronic housing

Your advantages

☑ Tool-free mounting

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

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

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

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

☑ Functional and industry-oriented housing technology

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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 017918 065850
GTIN	4017918065850
Weight per Piece (excluding packing)	55.360 g
Custom tariff number	85389099
Country of origin	Poland

Technical data

General

Housing type	Component housing

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Technical data

General

Housing material	Acryl butadiene styrene (ABS)
Color (RAL)	green

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C

Dimensions

Length	75 mm
Height	107.5 mm
Width	45 mm
Depth	75 mm

Technical data

Power dissipation without gap	3.4 W
Power dissipation with 20 mm gap	6.1 W
Number of positions	16

Standards and Regulations
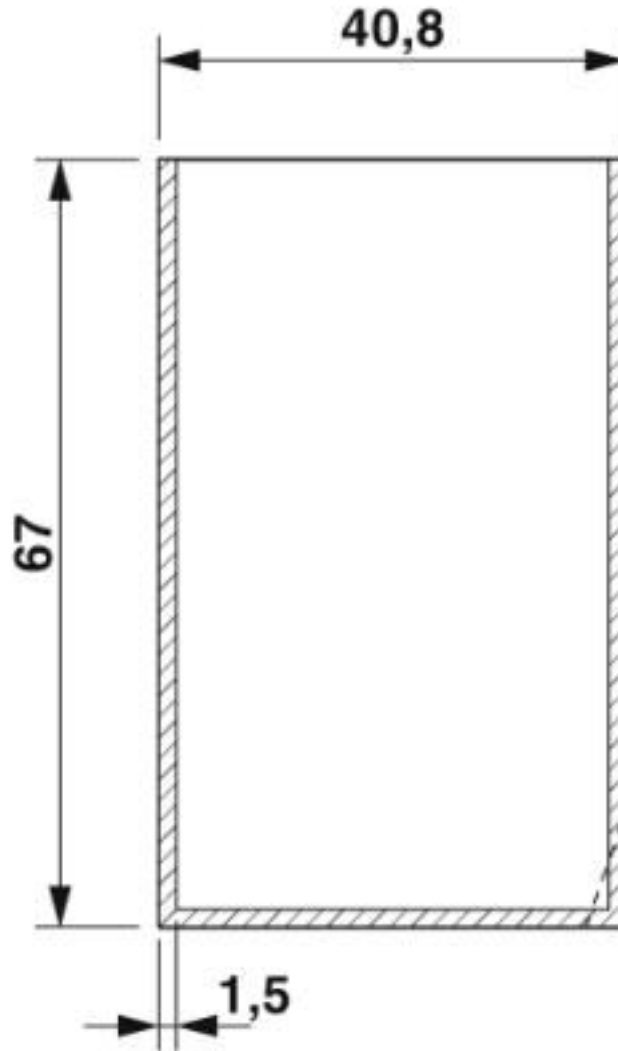
Flammability rating according to UL 94	HB

Environmental Product Compliance

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

Drawings

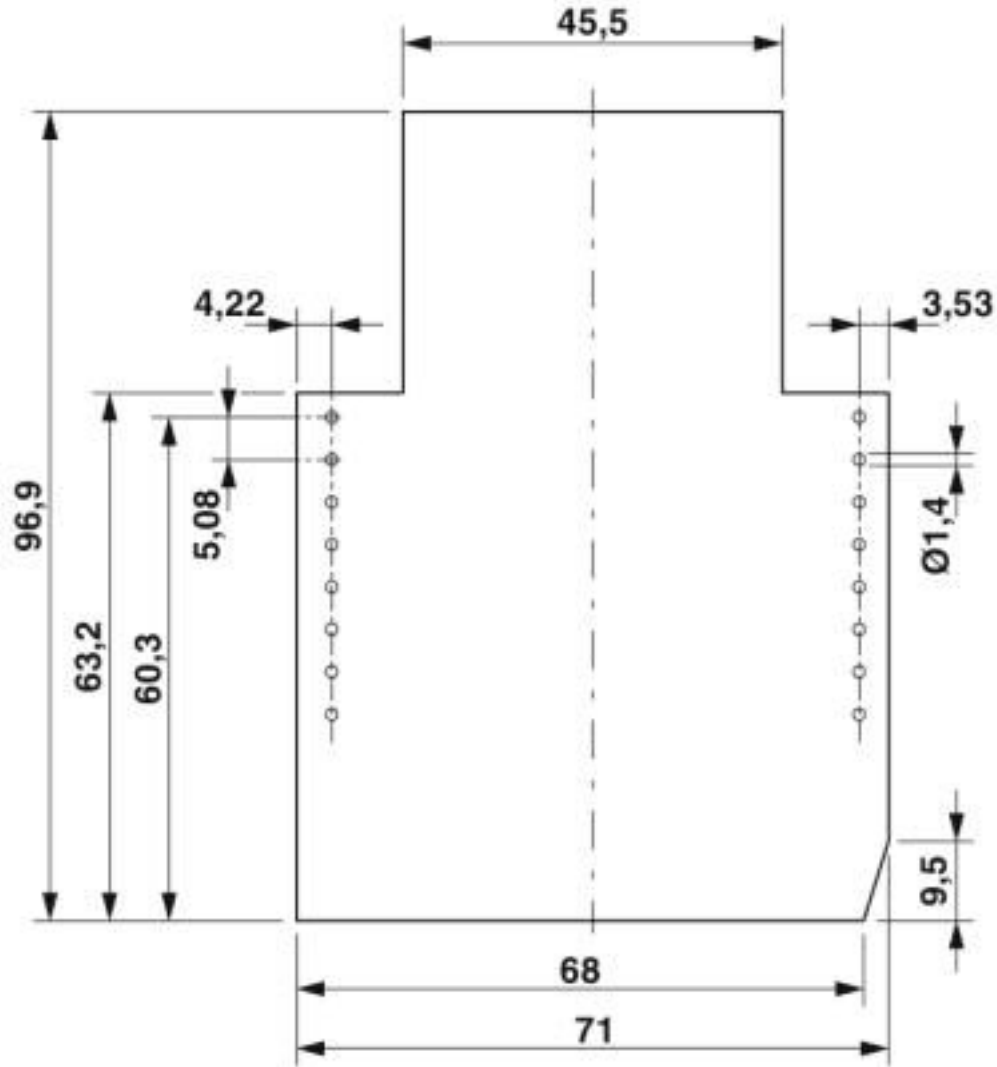# Mounting base housing - EG 45-G/ABS GN - 2764140

Dimensional drawing

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

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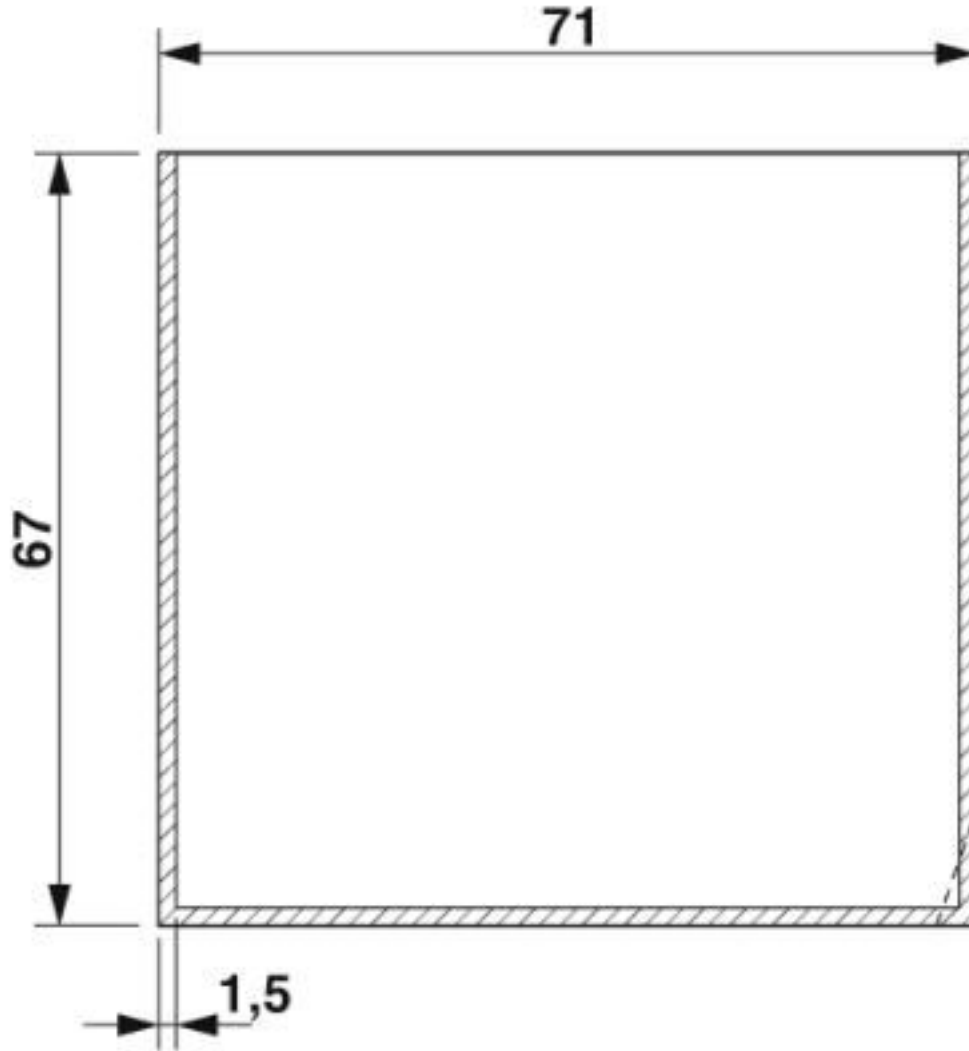# Mounting base housing - EG 45-G/ABS GN - 2764140

Dimensional drawing

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

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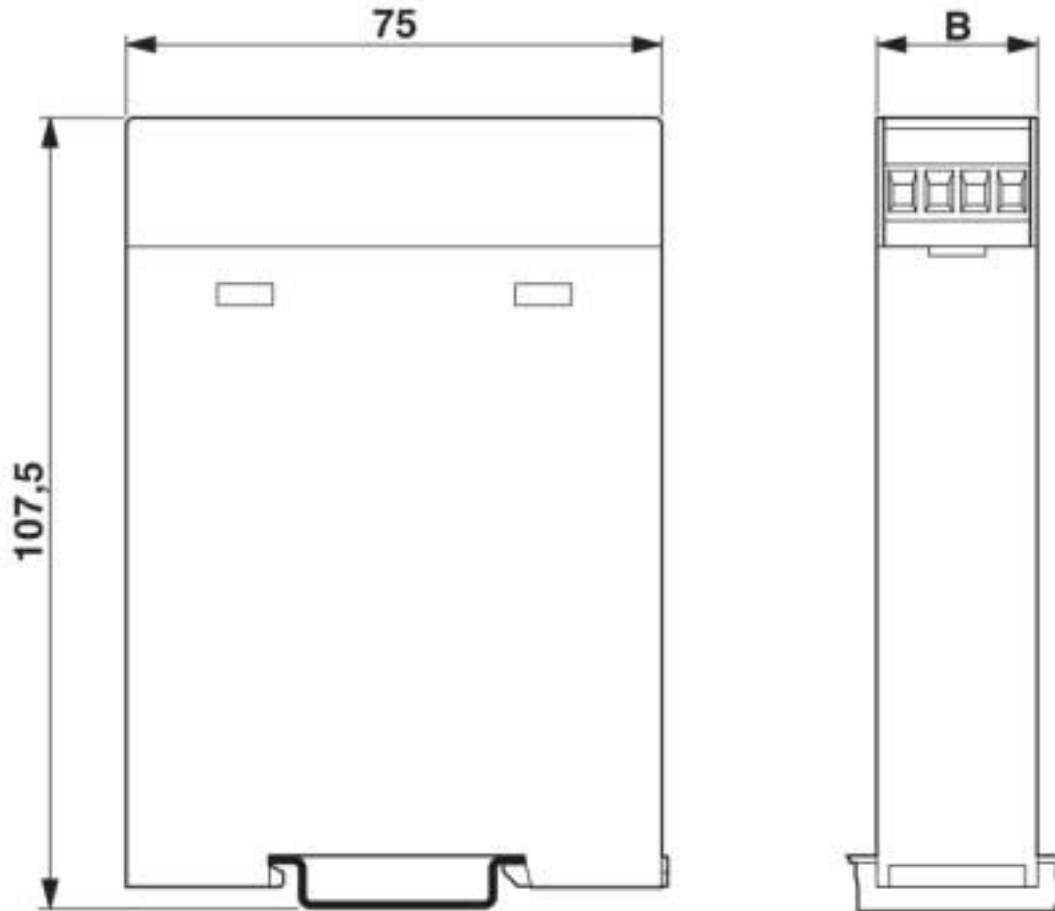# Mounting base housing - EG 45-G/ABS GN - 2764140

Dimensional drawing

valid for PCB 7 and 12, see explosion drawing
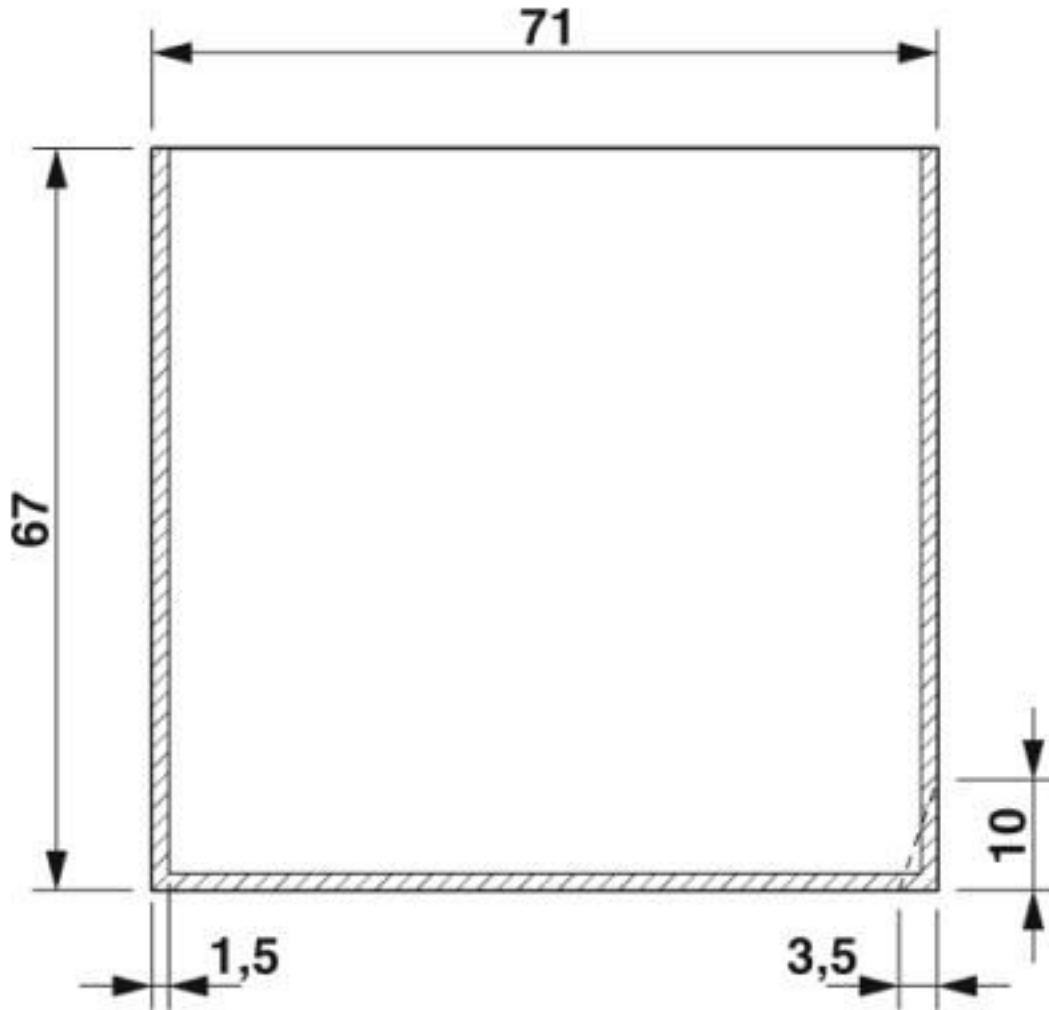
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Dimensional drawing

75

107,5

B

Mounting base housing - EG 45-G/ABS GN - 2764140

Dimensional drawing

valid for PCB 10, see explosion drawing

Classifications

eCl@ss

eCl@ss 10.0.1	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

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Classifications

eCl@ss

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
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

UL Recognized / EAC

Ex Approvals

Approval details

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

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Approvals

EAC	EAC	B.01687

Accessories

Accessories

Coding element

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

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PCB headers

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Accessories

Feed-through header - MSTBO 2,5/ 8-GL-5,08 - 1850495

PCB headers, nominal current: 8 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

PCB plug

Printed-circuit board connector - MVSTBW 2,5/ 8-ST - 1792582

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 8-ST-5,08 - 1792812

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

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

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 8-ST - 1909278

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FKCT 2,5/ 8-ST-5,08 - 1902178

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed circuit board terminal

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, pitch: 5 mm, number of positions: 2, 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. 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, pitch: 5 mm, number of positions: 3, 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. 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, pitch: 5 mm, number of positions: 8, 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. The article can be aligned to create different nos. of positions!

Necessary add-on products

Upper part of housing - EG 45-AE/ABS GN - 2764409

Housing cover, for connection on one side

Mounting base housing - EG 45-G/ABS GN - 2764140

Accessories

Upper part of housing - EG 45-A/ABS GN - 2764179

Housing cover,for connection on both sides

Upper part of housing - EG 45-AG/ABS GN - 2907363

Housing cover, closed