![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Electronic housing - EG 45-GP/ABS GN - 2764153

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Illustration shows a fully mounted
version of the electronic housing

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

Product Features

☑ Tool-free mounting

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

☑ 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

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

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

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

Key commercial data

Packing unit	1 PCE
GTIN	4 017918 065867
Custom tariff number	85369010
Country of origin	GERMANY

Technical data

General

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

Dimensions

Electronic housing - EG 45-GP/ABS GN - 2764153

Technical data

Dimensions

Length	75 mm
Constructional height	107.5 mm
Width	45 mm

Technical data

Ambient temperature (operation)	-40 °C ... 80 °C
Inflammability class according to UL 94	HB
Power dissipation at 20°C in the horizontal mounting position	3.4 W 6.1 W
Number of positions	16

Classifications

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC001031

UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
eCl@ss 5.1	27180506
eCl@ss 6.0	27180802
eCl@ss 7.0	27182702

Approvals

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Electronic housing - EG 45-GP/ABS GN - 2764153
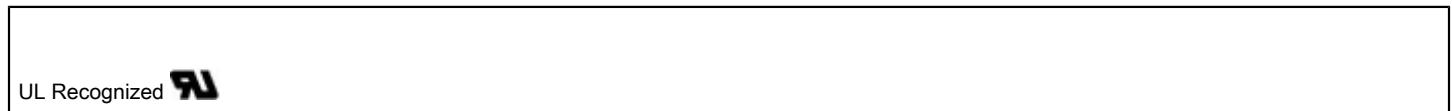
Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

Accessories

Accessories

Assembly

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

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Plug/Adapter

Coding star - CR-MSTB - 1734401

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

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Accessories

Coding profile - CP-MSTB - 1734634

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

Plug - MVSTBW 2,5/ 8-STEH - 1784309

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Coding star - 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

Base strip - MSTBO 2,5/ 8-GL-5,08 - 1850495

Header, Nominal current: 8 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Electronic housing - EG 45-GP/ABS GN - 2764153

Accessories

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

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

PCB terminal block base - MKKDSH 3/ 2 - 1721045

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 2, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, 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, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

PCB terminal block base - MKKDSH 3/ 8 - 1703283

Electronic housing - EG 45-GP/ABS GN - 2764153

Accessories

PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 8, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

Required add-on products

Electronic housing - EG 45-AE/ABS GN - 2764409

Housing cover, for connection on one side

Electronic housing - EG 45-A/ABS GN - 2764179

Housing cover,for connection on both sides

Electronic housing - EG 45-AG/ABS GN - 2907363

Housing cover, closed

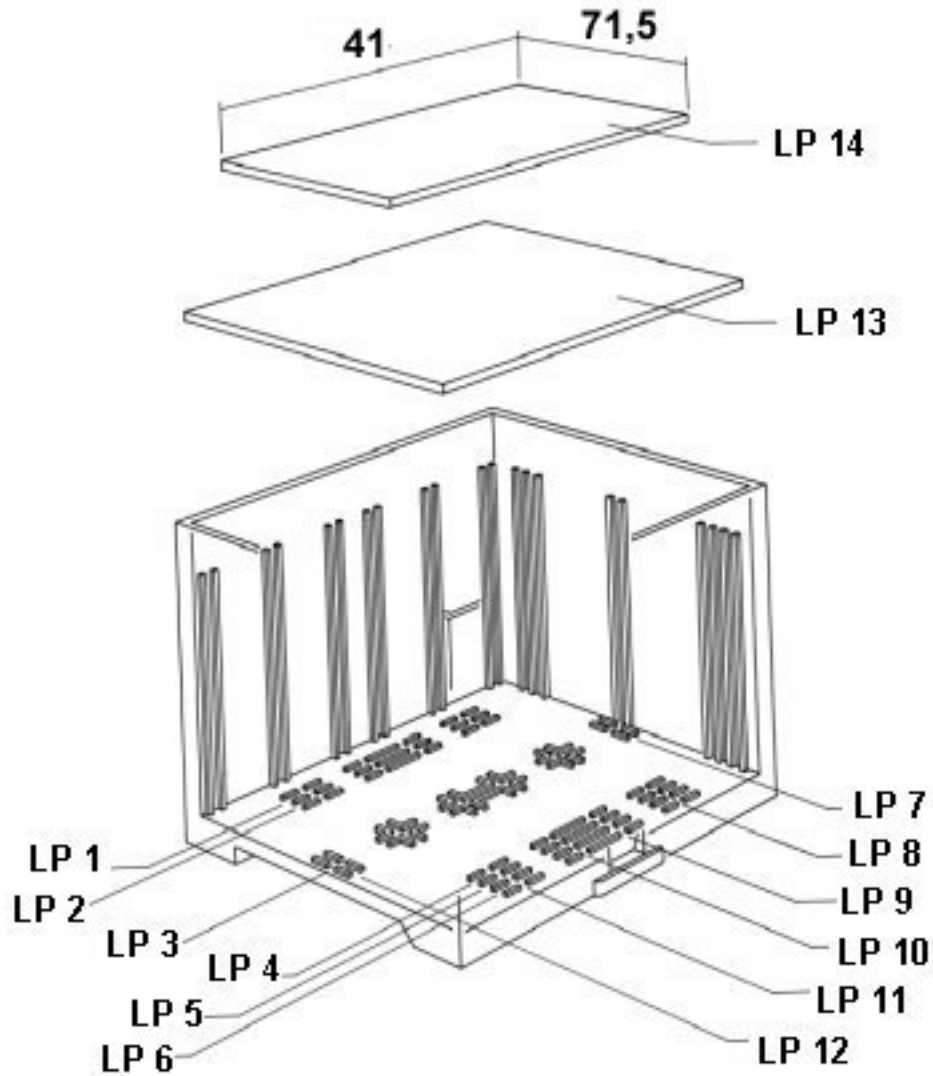## Drawings

Electronic housing - EG 45-GP/ABS GN - 2764153

Dimensioned drawing
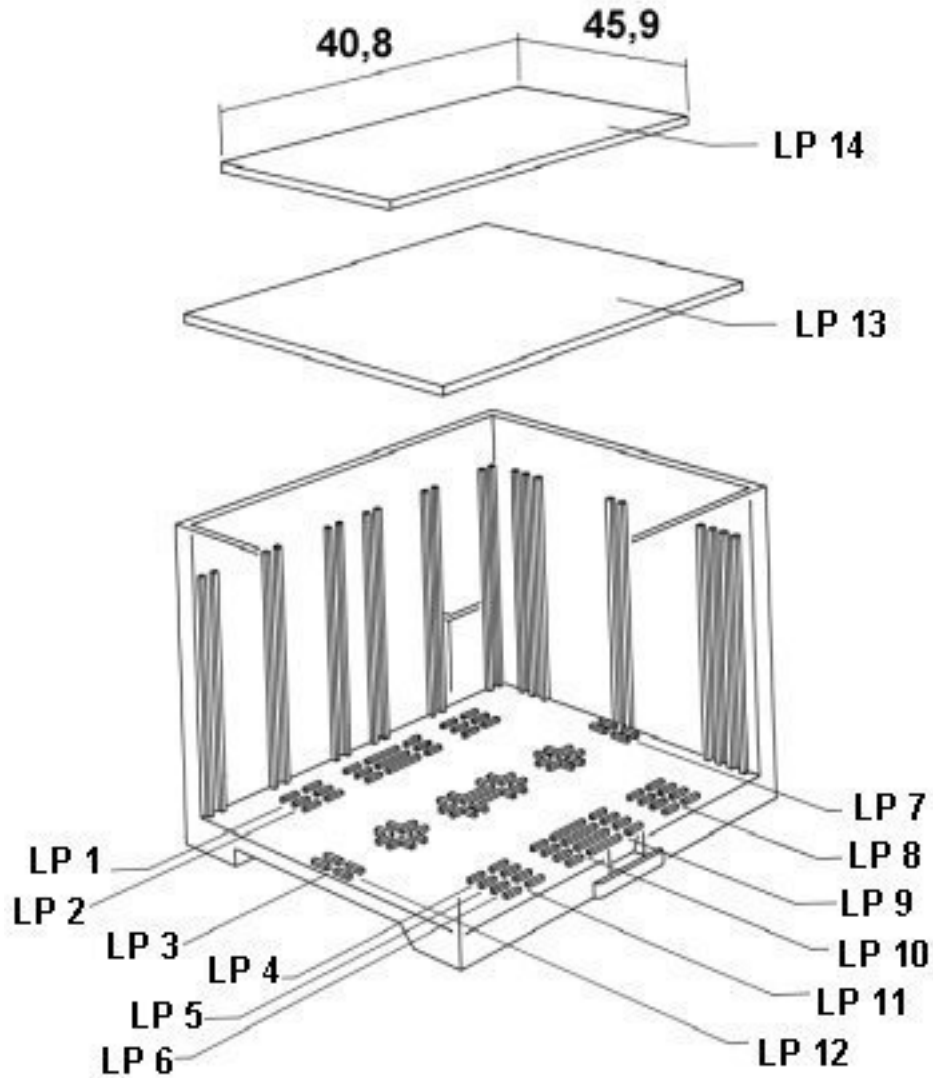
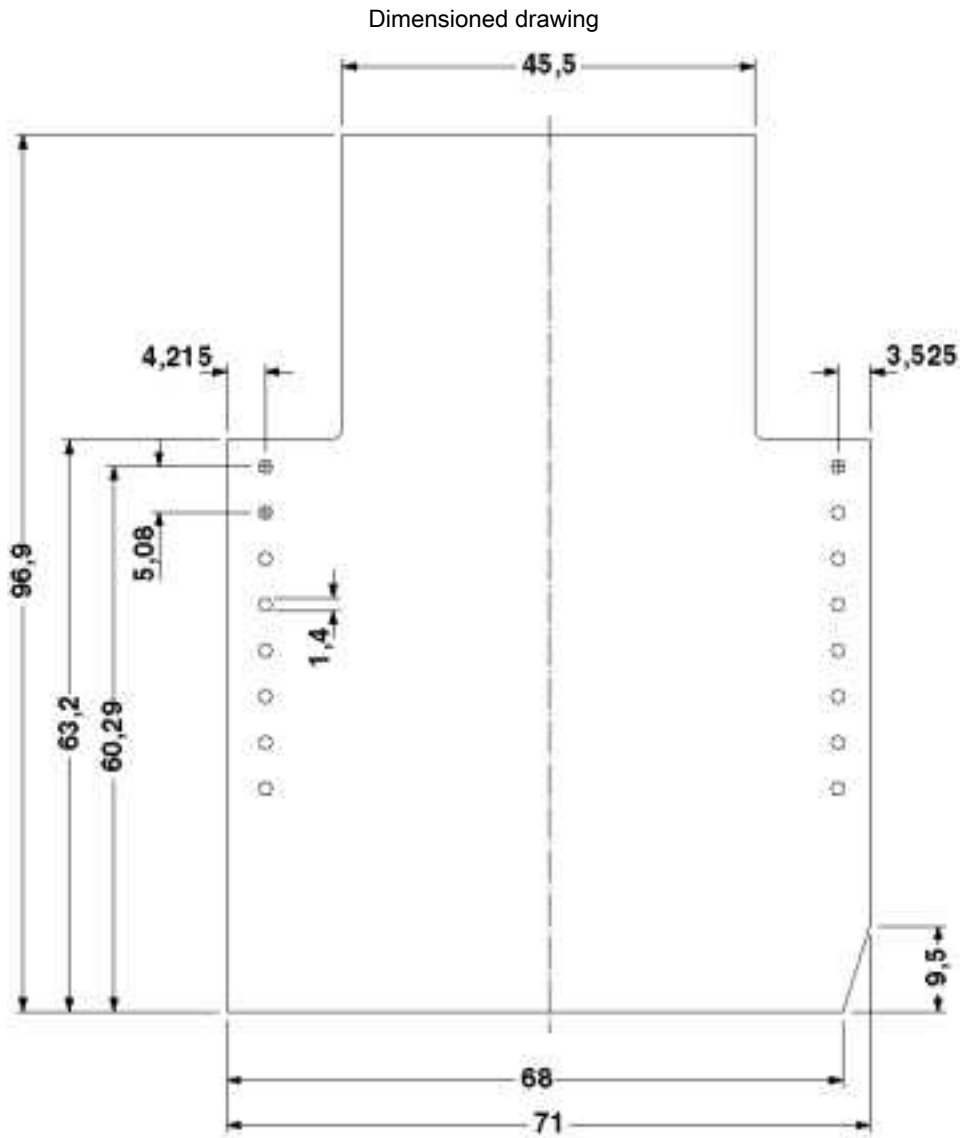# Electronic housing - EG 45-GP/ABS GN - 2764153

Explosion drawing

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
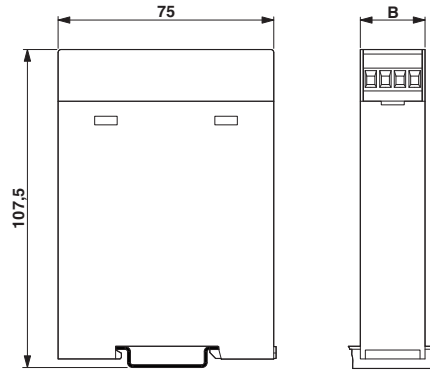
valid for PCB 13

Electronic housing - EG 45-GP/ABS GN - 2764153

Explosion drawing

valid for PCB 14
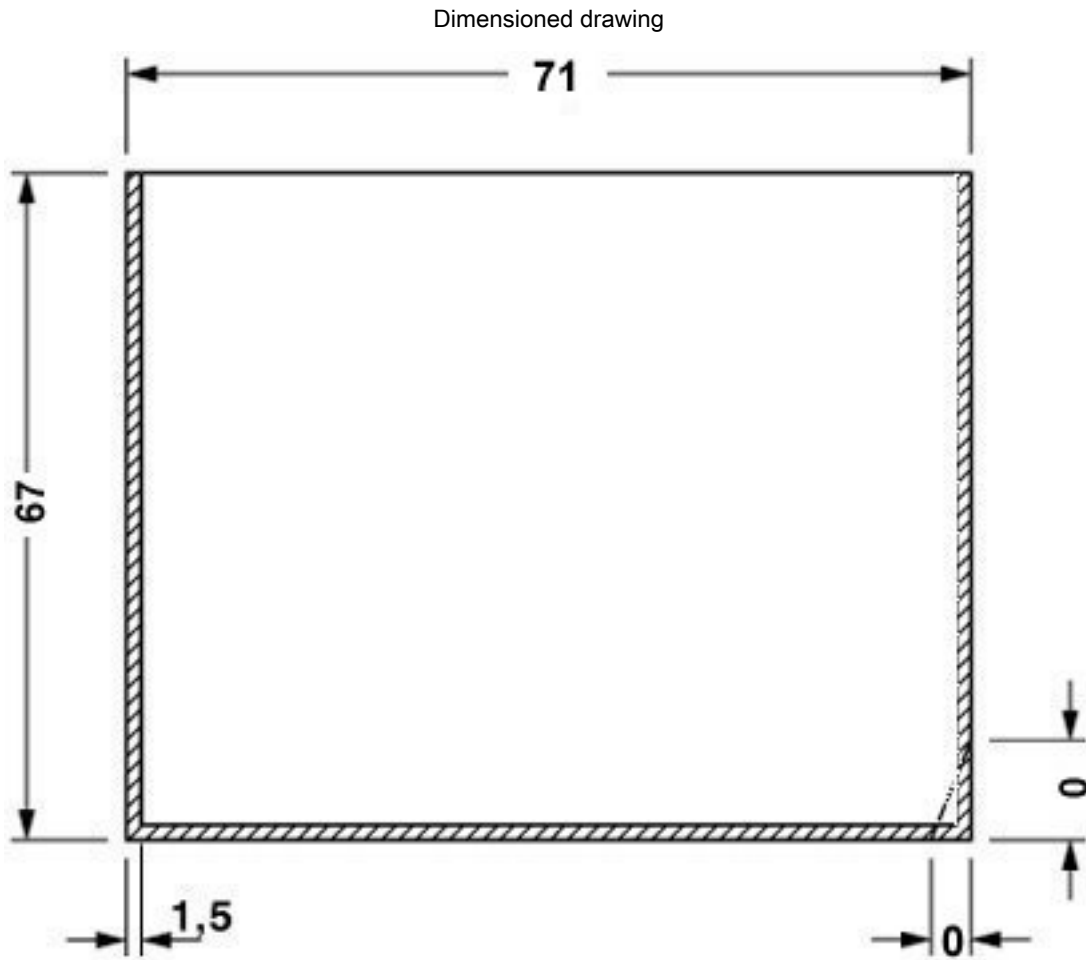
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Electronic housing - EG 45-GP/ABS GN - 2764153

Dimensioned drawing

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

PHŒNIX CONTACT

Electronic housing - EG 45-GP/ABS GN - 2764153

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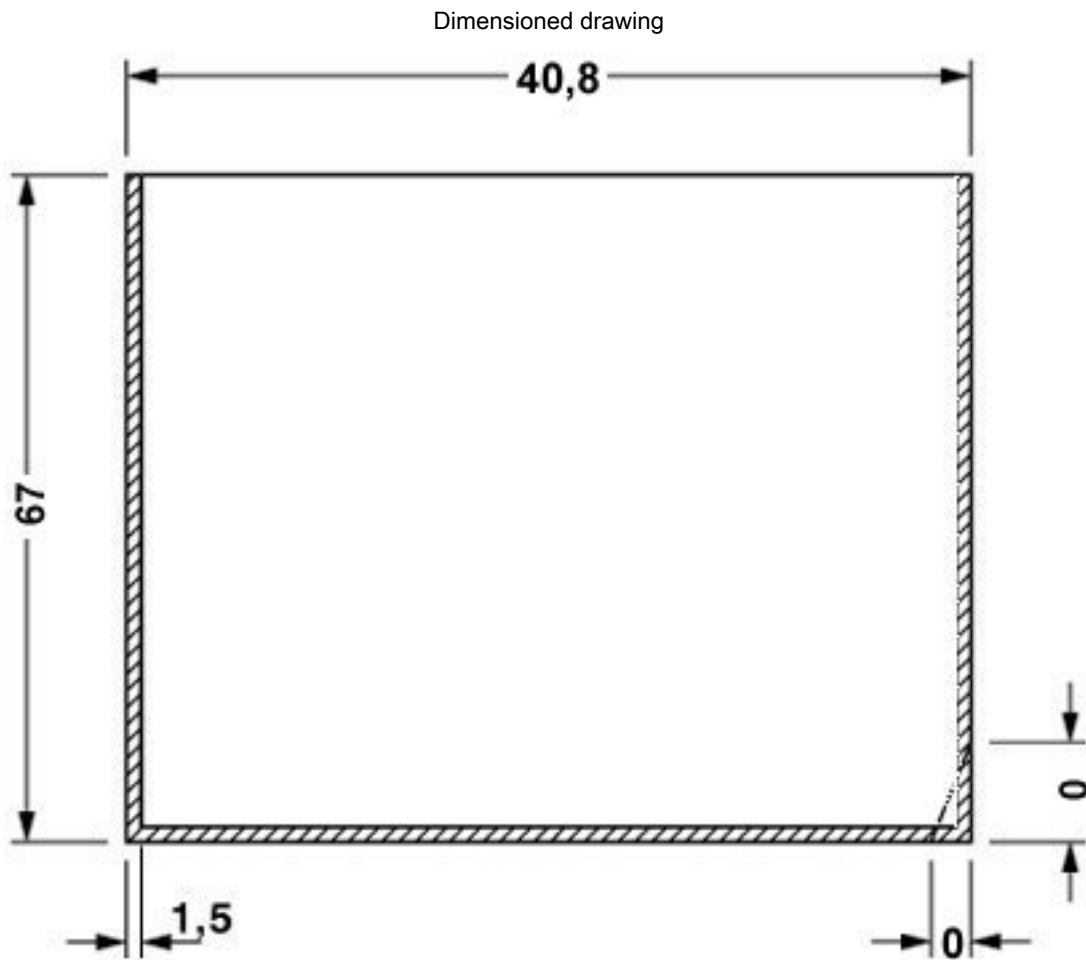
valid for PCB 1; 3; 5 and 6, see explosion drawing

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Electronic housing - EG 45-GP/ABS GN - 2764153

Dimensioned drawing

valid for PCB 7 and 12, see explosion drawing

PHŒNIX CONTACT

Electronic housing - EG 45-GP/ABS GN - 2764153

Dimensioned drawing
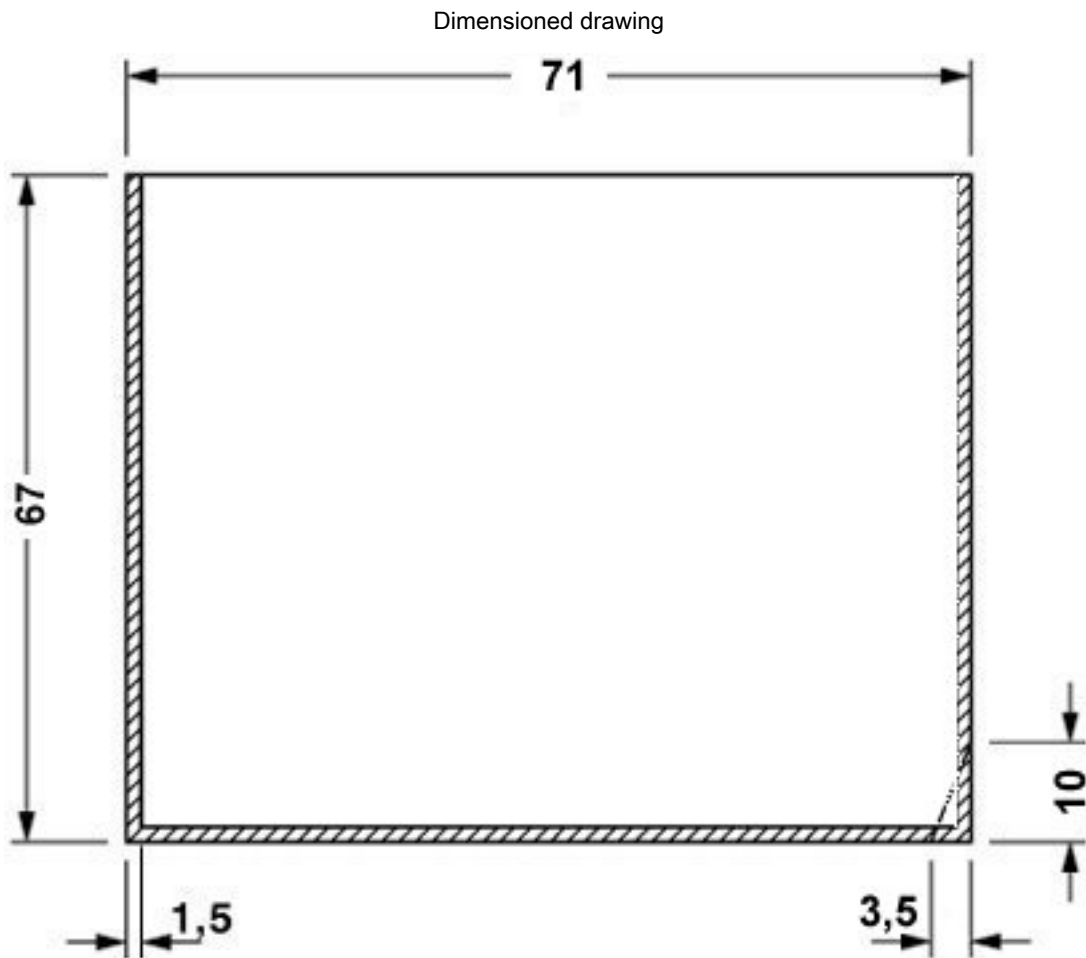
valid for PCB 10, see explosion drawing