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

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Housing cover,for connection on both sides

Illustration shows a fully mounted version of the electronic housing

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Product Features

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

Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 017918 065881
Weight per Piece (excluding packing)	11.46 GRM
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

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

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Technical data

Ambient conditions

Ambient temperature (operation)	80 °C

Dimensions

Length	75 mm
Constructional height	17.5 mm
Width	45 mm

Technical data

Inflammability class according to UL 94	HB
Number of positions	16

Classifications

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
eCl@ss 8.0	27182702

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
ETIM 5.0	EC000886

UNSPSC

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

Approvals

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Approvals

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

Accessories

Accessories

PCB plug

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

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

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Accessories

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 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 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, 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

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!

Drawings

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

Dimensioned drawing

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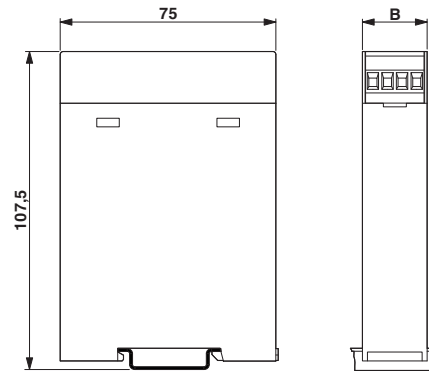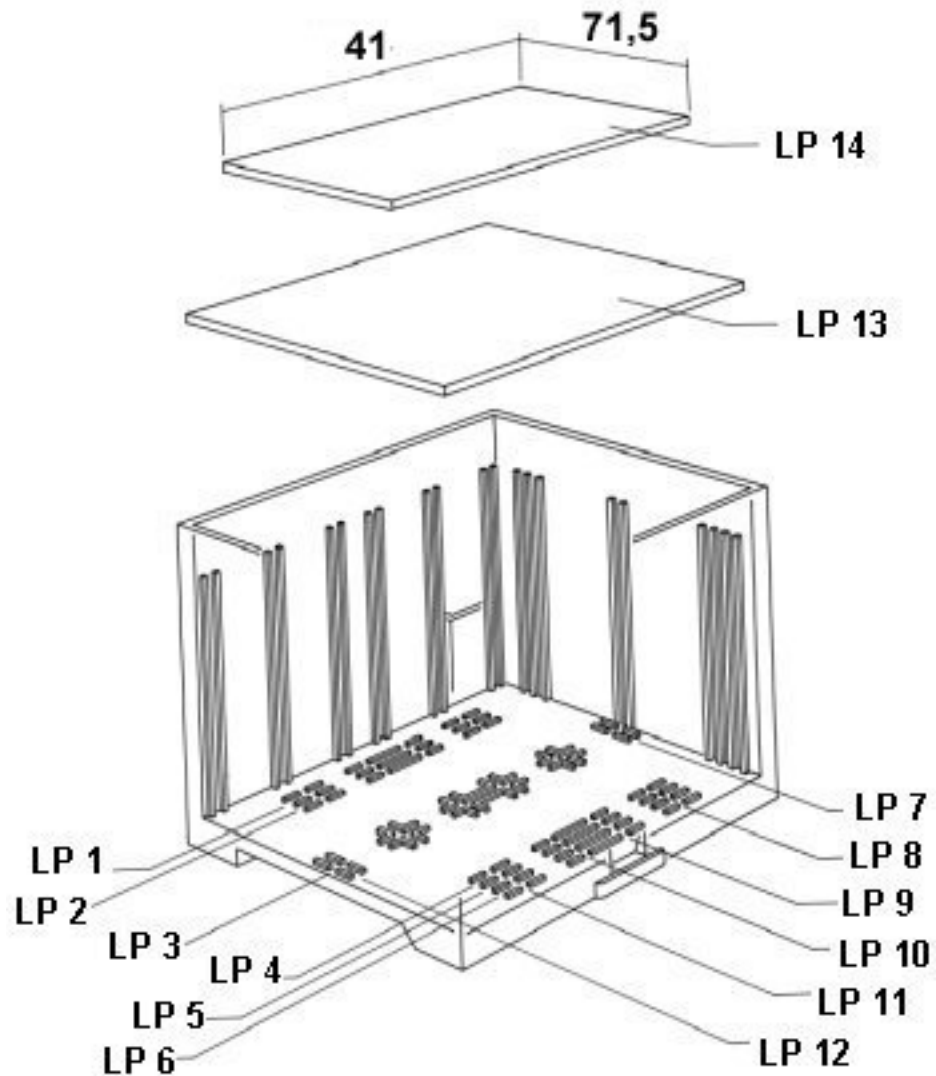
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Explosion drawing

valid for PCB 13

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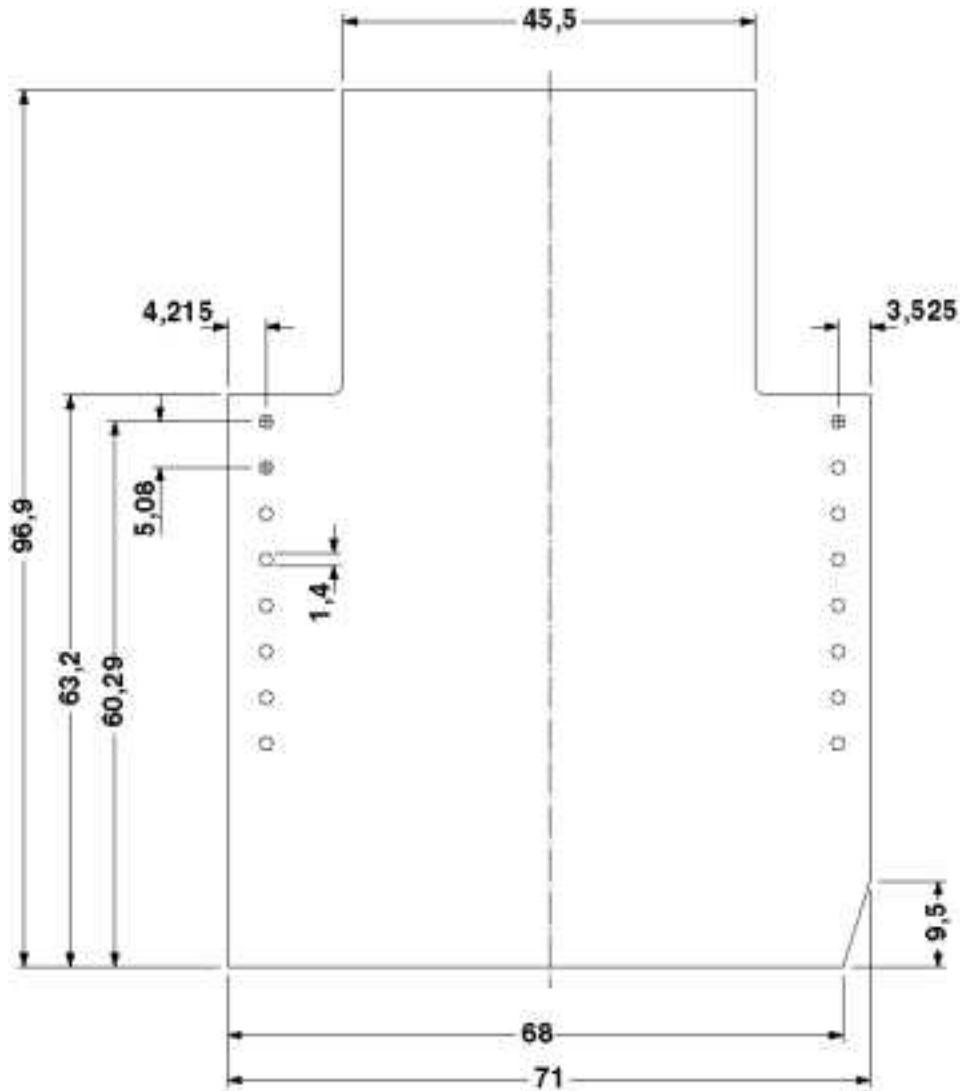
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Explosion drawing

40,8   45,9

LP 14

LP 13

LP 1
LP 2
LP 3
LP 4
LP 5
LP 6

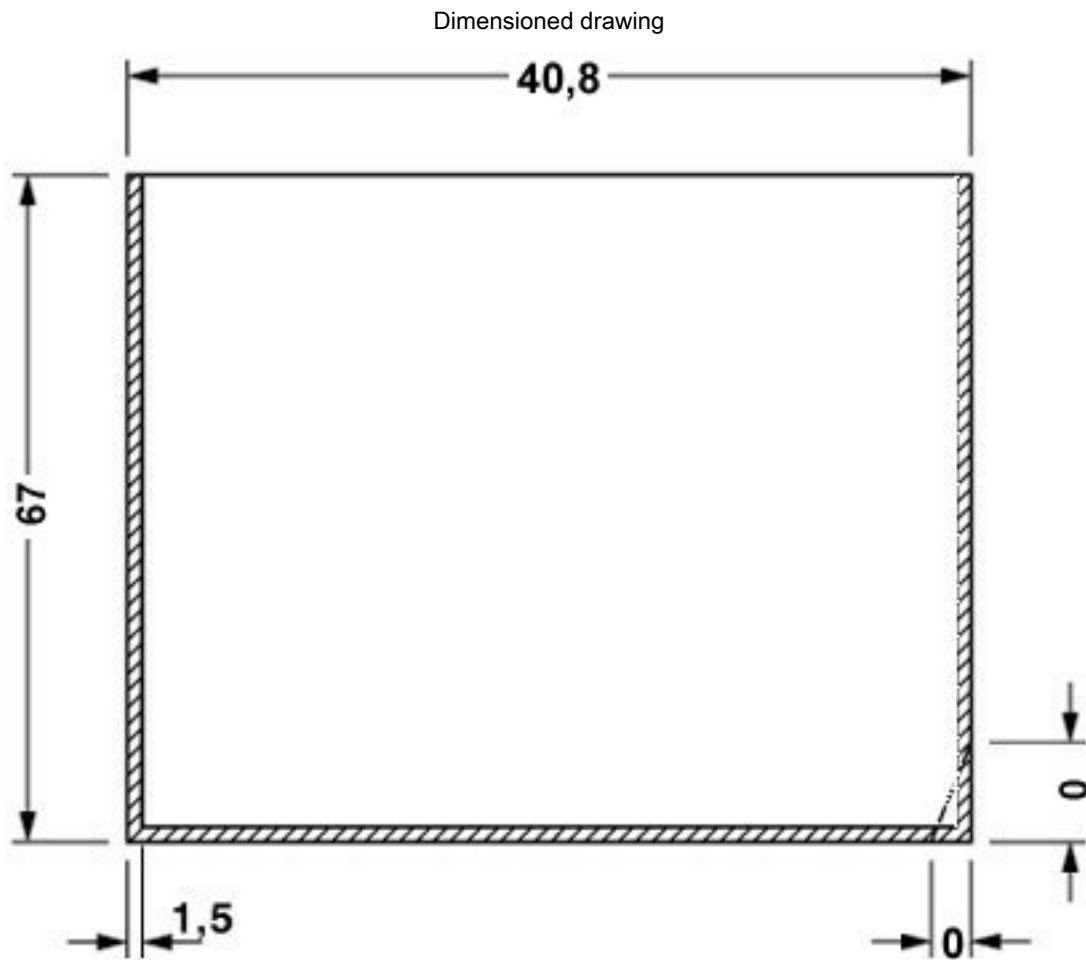LP 7
LP 8
LP 9
LP 10
LP 11
LP 12

valid for PCB 14

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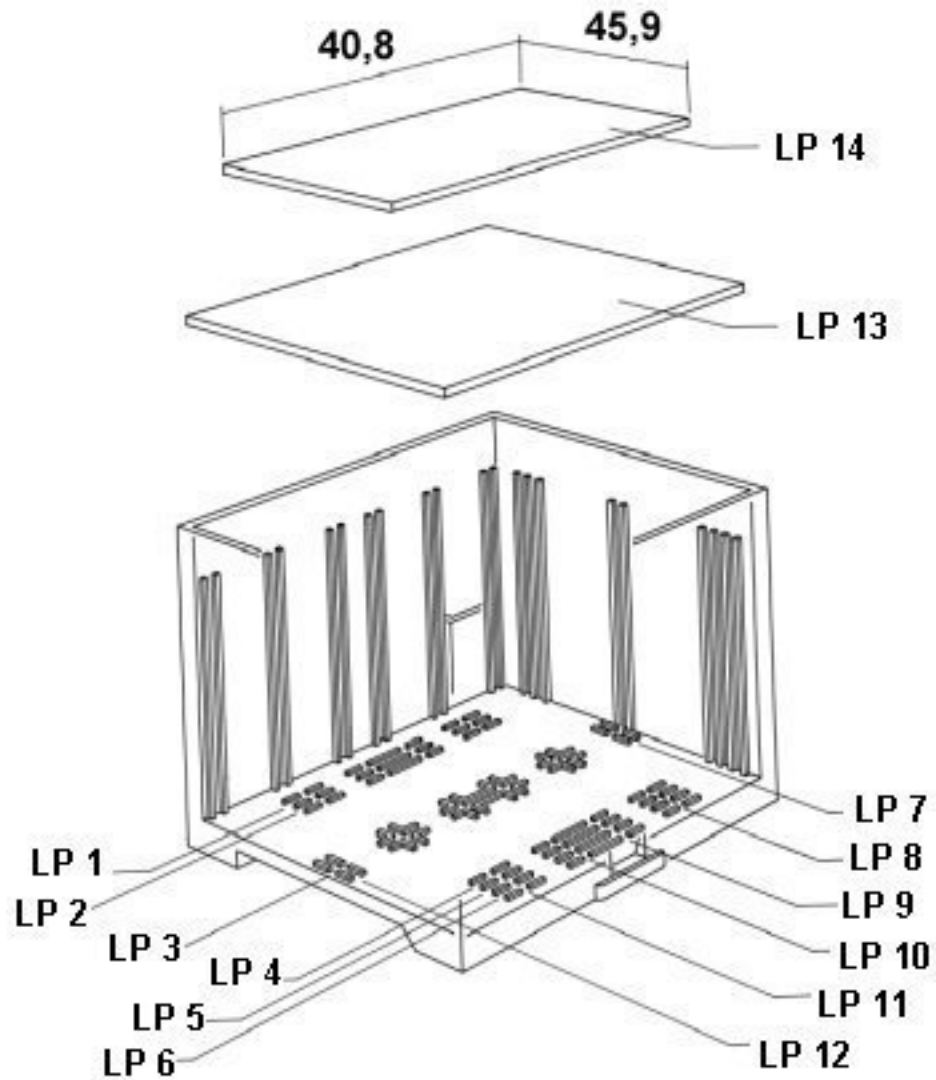
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Dimensioned drawing

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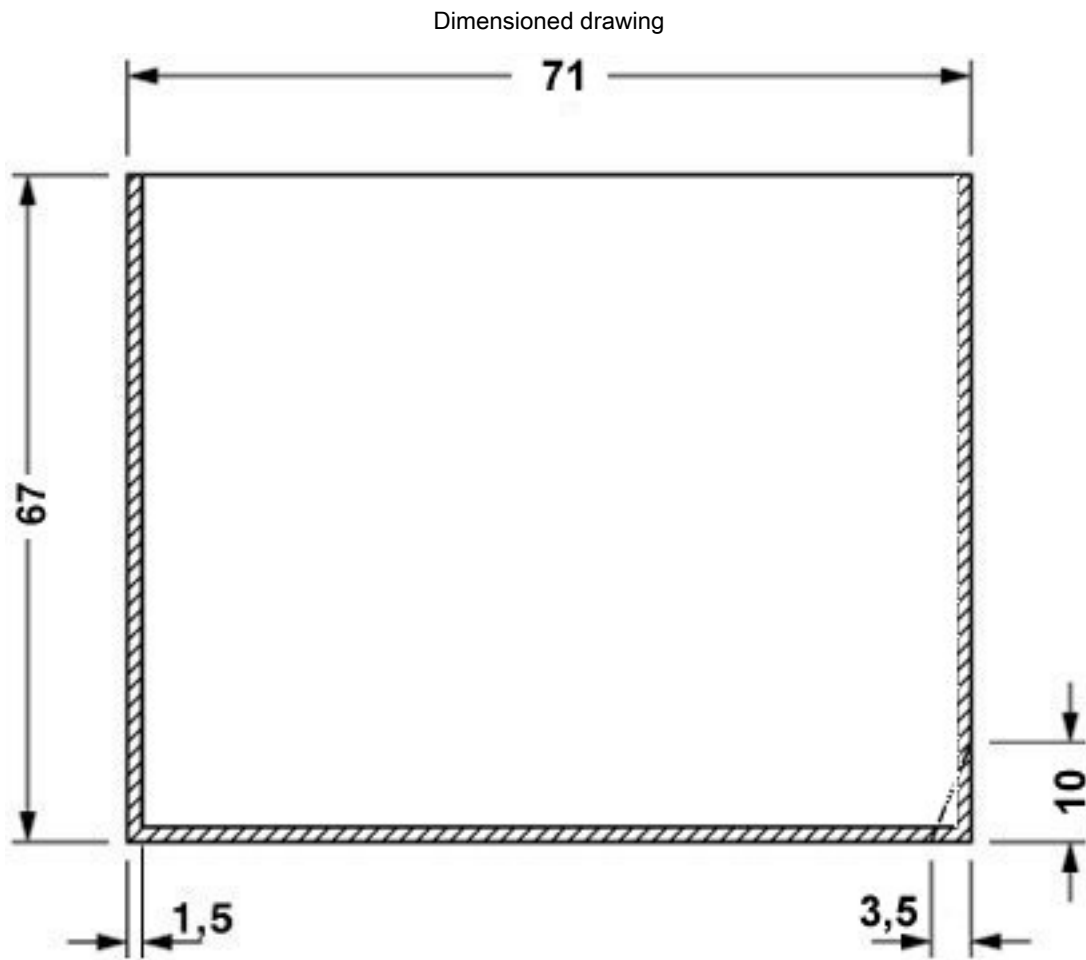
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Dimensioned drawing

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

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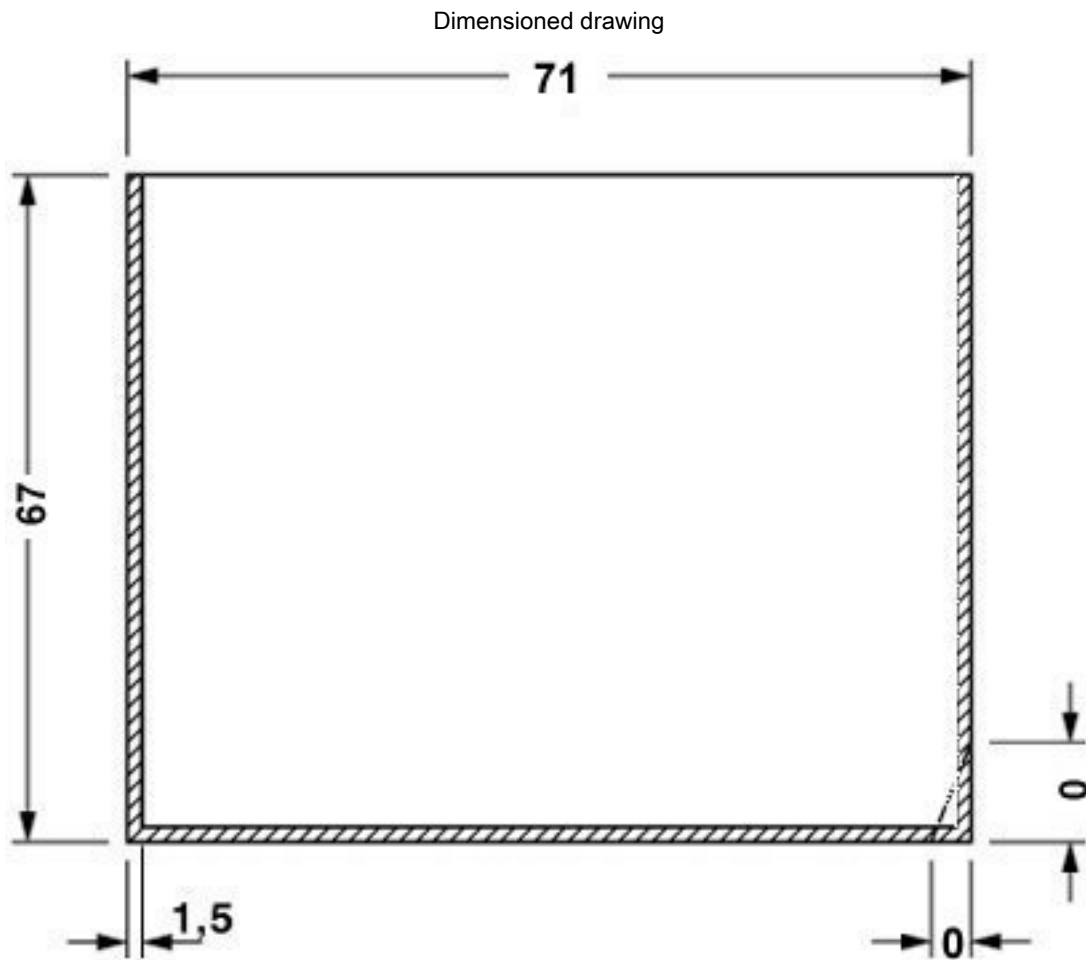
valid for PCB 7 and 12, see explosion drawing

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

Dimensioned drawing

valid for PCB 10, see explosion drawing