![PHOENIX CONTACT logo]

Electronic housing - EMG 10-LG/SET - 2942959

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Electronic housing set, consisting of electronic housings and printed circuit termination blocks

Your advantages

☑ Choice of four cover sizes in transparent or color versions

☑ Practical and easy-to-wire conductor connections

☑ High degree of flexibility due to the wide choice of versions

☑ User-friendly and safe mounting on DIN rails according to EN 60715

☑ Uniform and appropriate housing technology

☑ Space-saving accommodation of electronic components in finely graded module versions available with 10 to 150 mm pitch

☑ Inflammability class V0 insulation material (according to UL 94)

☑ Shock and contamination-proof accommodation of electronic components

☑ Universal PCBs for all pitches

![RoHS]

Key Commercial Data

Packing unit	10 pc
Minimum order quantity	10 pc
GTIN	![barcode] 4 017918 080914
GTIN	4017918080914
Weight per Piece (excluding packing)	20.770 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color (RAL)	green

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Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C

Dimensions

Length	75 mm
Height	47.5 mm
Width	10 mm
Pitch	5 mm
Depth	75 mm

Technical data

Power dissipation without gap	0.9 W
Power dissipation with 20 mm gap	1.2 W
Number of positions	4

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

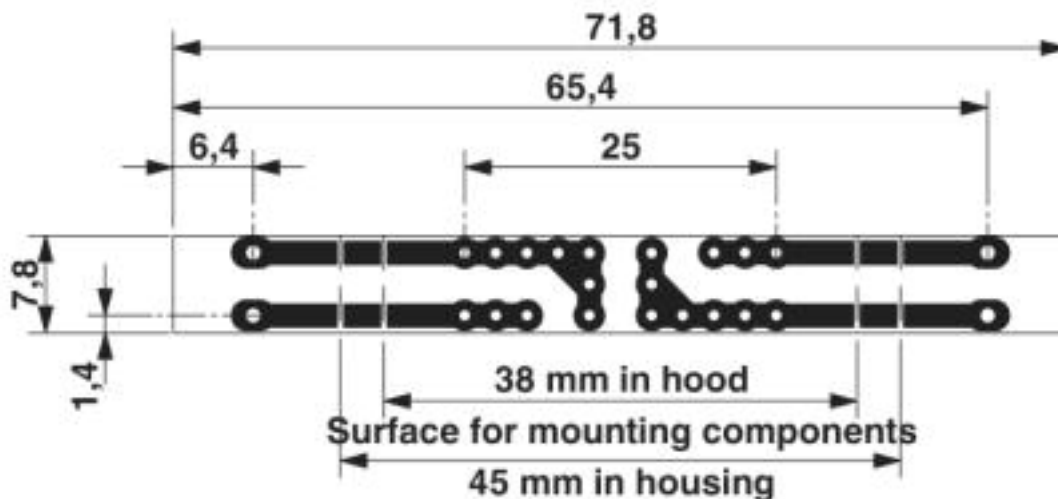|	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing
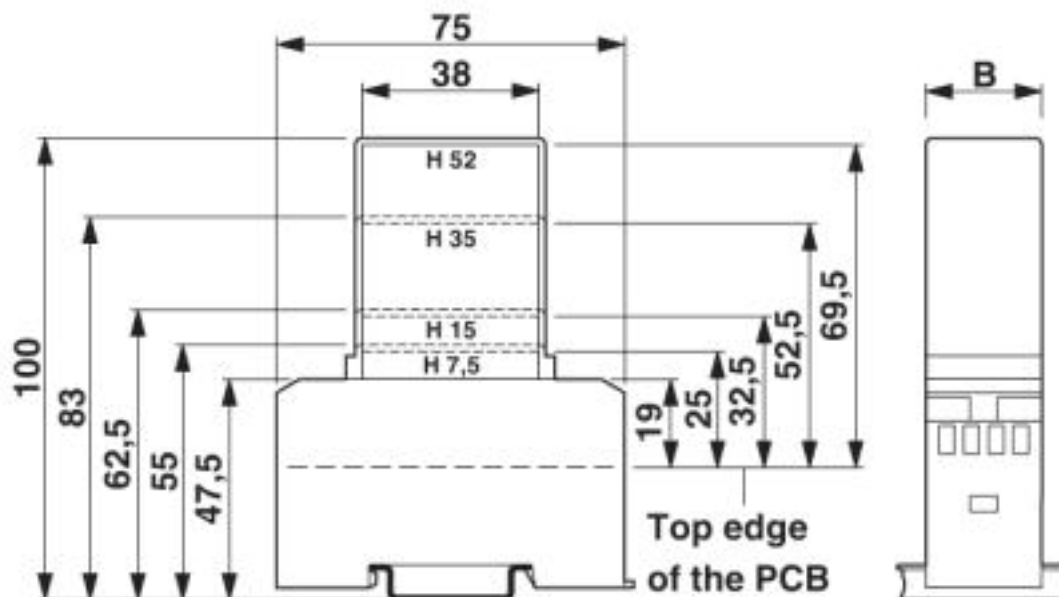
1 = Top edge of the PCB

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B = Housing width

Dimensional drawing

Pitch 5 mm
a = Area for mounting components, 38 mm in the hood
b = Area for mounting components, 45 mm in the housing

Articles in set

Electronic housing - EMG 10-LG - 2947747

Electronic housing, with universal foot, without screw connection terminal blocks and cover

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PCB terminal block - MKDS 3/ 2-EMG 10 - 1712342

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. Matches EMG 10 component housing

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Classifications

eCl@ss

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

Accessories

Accessories

Filler plug

Electronic housing - EMG-KA - 2941510

Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.

PCB

PCB - P 1-EMG 10 - 2947792

PCB for assembling electronic components

Electronic housing - EMG 10-LG/SET - 2942959

Accessories

Marking material - EMG-SGKS 10 - 2947585

Equipment marker, narrow

Necessary add-on products

Covering hood - EMG 10-H 7,5MM KLAR - 2947763

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm

Electronic housing - EMG 10-H 15MM KLAR - 2947776

Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 10 mm

Electronic housing - EMG 10-H 52MM GN - 2947789

Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 10 mm