PHŒNIX CONTACT

Electronic housing - EMG125-LG - 2947983

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Electronic housing, for PCB insertion, without screw connection terminal blocks and cover

Why buy this product

☑ Choice of four cover sizes in transparent or color versions

☑ Practical and easy-to-wire conductor connections

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

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

☑ 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

Key commercial data

Packing unit	2 pc
GTIN	4 017918 083090
Weight per Piece (excluding packing)	100.85 g
Custom tariff number	85472000
Country of origin	Germany
Product key	ACHCBA

Technical data

General

Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

Ambient conditions

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

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Technical data

Dimensions

Length	75 mm
Constructional height	47.5 mm
Width	125 mm
Pitch	5 mm

Technical data

Inflammability class according to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	9.5 W 11 W 7.5 mm
	10.6 W 12.4 W 15 mm
	11.6 W 13 W 52 mm
Number of positions	48

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm

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

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Classifications

UNSPSC

UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

Approvals

Approvals

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GOST

Ex Approvals

Approvals submitted

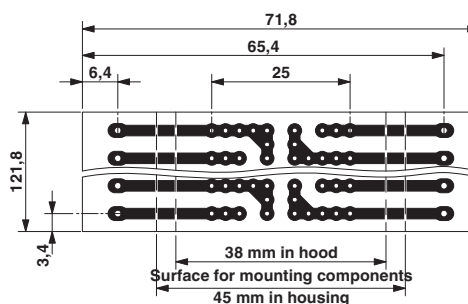### Approval details

GOST ℗

Drawings

Dimensioned drawing
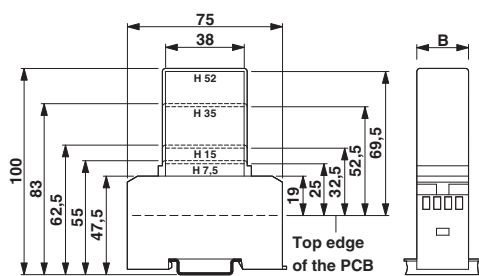
1 = Top edge of the PCB
B = Housing width

Dimensioned drawing

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