

EMG 90-LG

Order No.: 2946256




<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2946256>

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

Commercial data	
GTIN (EAN)	4017918082215
sales group	F001
Pack	5 pcs.
Customs tariff	85472000
Weight/Piece	0.06893 KG
Catalog page information	Page 547 (CC-2009)

Product notes

WEEE/RoHS-compliant since: 04/04/2005



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Technical data	
General	
Housing type	Component housing
Housing material	Polycarbonate fiber reinforced
Color	green

Dimensions / positions

Length	75 mm
Width	90 mm
Number of positions	34
Pitch	5 mm

Technical data

Ambient temperature (operation)	-40 °C ... 125 °C
Inflammability class acc. to UL 94	V0
Power dissipation at 20°C in the horizontal mounting position	4.1 W 4.6 W 7.5 mm
	5 W 5.7 W 15 mm
	6.1 W 7.1 W 52 mm

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm

Accessories

Item	Designation	Description
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Assembly

2941824	EMG 90-ZE	Intermediate element, to enlarge the assembly space
2941510	EMG-KA	Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.
2941510	EMG-KA	Terminal block/screw cover, set consisting of 50 strips each for terminal blocks and screw openings, 1 strip covers 12 terminal points.

General

2946272	P 1-EMG 90	PCB for assembling electronic components
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Marking

2947035	EMG-GKS 12	Equipment marker, width 12 mm
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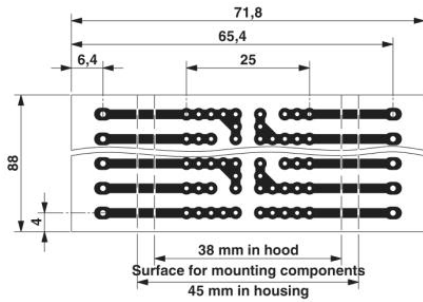
2947035	EMG-GKS 12	Equipment marker, width 12 mm
2941594	EMG-GKS 22	Equipment marker tag, width 22 mm
2941594	EMG-GKS 22	Equipment marker tag, width 22 mm

Additional products

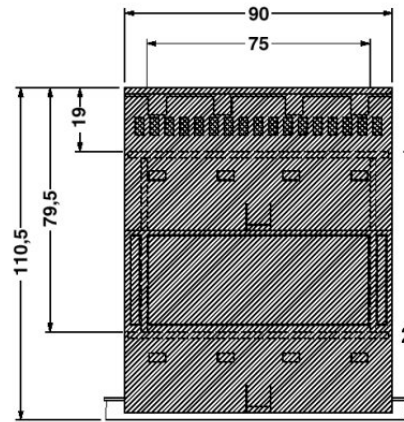
Item	Designation	Description
Assembly		
2945396	EMG 90-H 7,5MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm
2945406	EMG 90-H 15MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 90 mm
2944300	EMG 90-H 52MM GN	Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 90 mm

Diagrams/Drawings

Dimensioned drawing

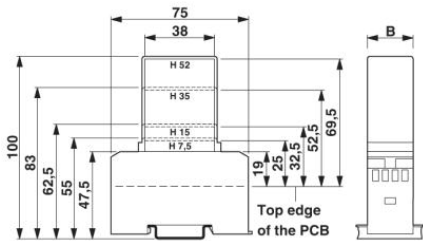


Pitch 5 mm
 a = Area for mounting components, 38 mm in the hood
 b = Area for mounting components, 45 mm in the housing



1 = Top edge of the PCB
 2 = Top edge of the PCB

1 = Top edge of the PCB
 B = Housing width



Address

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