

# EMG125-B24


Order No.: 2947996

The illustration shows EMG 125-LG, with closed terminal space



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2947996>

Custom circuit module, consisting of housing, MKDS 3 connection terminal blocks and PCB

Commercial data	
GTIN (EAN)	 4 017918 083106
sales group	F001
Pack	2 pcs.
Customs tariff	85369010
Catalog page information	Page 549 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
07/06/2005



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## Technical data

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

**Dimensions / positions**

Length	75 mm
Width	125 mm
Number of positions	48
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	9.5 W 11 W 7.5 mm
	10.6 W 12.4 W 15 mm
	11.6 W 13 W 52 mm

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

**Accessories**

Item	Designation	Description
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.

**Marking**

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

**Additional products**

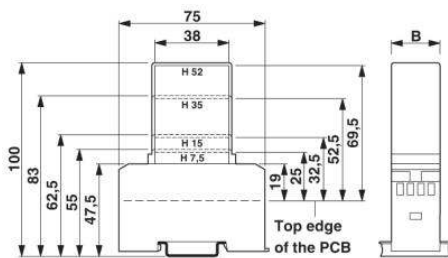
Item	Designation	Description
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**Assembly**

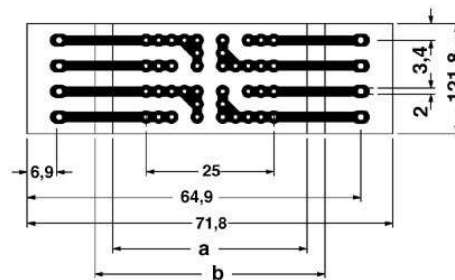
2943194	EMG125-H 7,5MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 7.5 mm
2943181	EMG125-H 15MM KLAR	Covering hood, for the contact and dust-protected encapsulation of the components, in transparent design. Height: 15 mm, width: 125 mm
2943518	EMG125-H 52MM GN	Covering hood, for the contact and dust-protected encapsulation of the components, in green design. Height: 52 mm, width: 125 mm

**Diagrams/Drawings**

Dimensioned drawing



1 = Top edge of the PCB  
 B = Housing width



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

**Address**

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