

EMG 22-B4 - Electronics housing



2946146
<https://www.phoenixcontact.com/us/products/2946146>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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



Commercial data

Item number	2946146
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AC11
Product key	ACHCBA
GTIN	4017918082109
Weight per piece (including packing)	42.66 g
Weight per piece (excluding packing)	42.66 g
Customs tariff number	85369010
Country of origin	DE

EMG 22-B4 - Electronics housing



2946146

<https://www.phoenixcontact.com/us/products/2946146>

Technical data

Product properties

Product type	Stackable housing set
Housing type	Component housing
Housing series	EMG
Product family	EMG
Type	Lower housing part, removable cover as option, connection system integrated, PCB integrated
Number of positions	8
Pitch	5 mm
Type	Lower and upper part with universal foot, with PCB and solder tags that are led to the MKDS 3/... connection terminal blocks

Dimensions

Dimensional drawing	
	Technical drawing of the NS 35/7,5 terminal block. The side view shows a total height of 100 mm, with individual section heights of 83 mm, 62.5 mm, 55 mm, and 47.5 mm. The top width is 75 mm, with a central slot width of 38 mm. The front view shows a total width of 69.5 mm and a central slot width of 38 mm. The bottom edge is labeled 'Top edge of the PCB'.
Width	22.5 mm
Installed height	47.5 mm
Height NS 35/7,5	55 mm
	83 mm
	100 mm
Depth	75 mm
Length	75 mm
Pitch	5 mm

Material specifications

Color (Housing)	green (RAL 6021)
Flammability rating according to UL 94	V0
Housing material	Polycarbonate, glass-fiber-reinforced
Surface characteristics	untreated

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 125 °C

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

EMG 22-B4 - Electronics housing

2946146

<https://www.phoenixcontact.com/us/products/2946146>



Drawings

Dimensional drawing



1 = Top edge of the PCB

B = Housing width

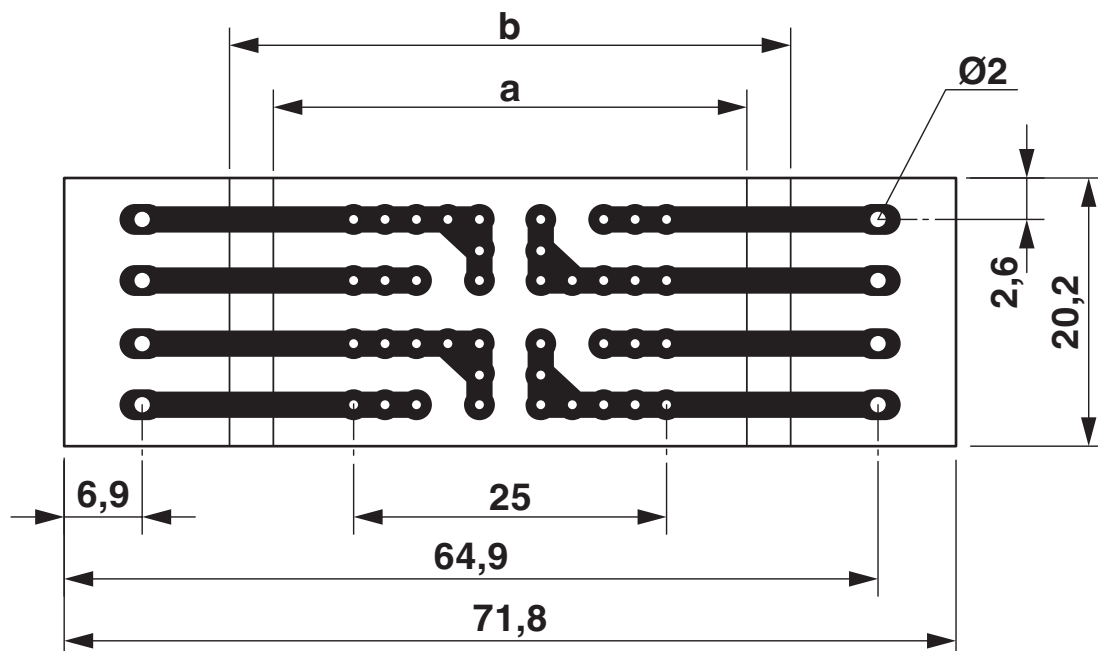
EMG 22-B4 - Electronics housing

2946146

<https://www.phoenixcontact.com/us/products/2946146>



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

EMG 22-B4 - Electronics housing



2946146

<https://www.phoenixcontact.com/us/products/2946146>

Classifications

ECLASS

ECLASS-15.0	27190301
ECLASS-15.0	27190301

ETIM

ETIM 9.0	EC001031
----------	----------

UNSPSC

UNSPSC 21.0	31261500
-------------	----------

EMG 22-B4 - Electronics housing



2946146
<https://www.phoenixcontact.com/us/products/2946146>

Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com