

# UM-BASIC 108 100MM DEV-KIT KMGY - Housing set



2202528

<https://www.phoenixcontact.com/us/products/2202528>

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DEV-KIT UM-BASIC: contains 1 x UM-BASIC 100MM profile housing and PCB terminal blocks (SMKDS), supplied in individual parts



## Your advantages

- Different base profiles, each with three PCB levels
- Module covers of different geometries can be positioned in any way
- Compatibility with many standard connection technologies
- Easy device mounting thanks to snap-mount principle (the sides are fixed without the aid of tools)
- High degree of flexibility, thanks to freely positionable covering hoods

## Commercial data

Item number	2202528
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC13
Product key	ACHDAD
GTIN	4055626141787
Weight per piece (including packing)	186.4 g
Weight per piece (excluding packing)	184.4 g
Customs tariff number	85369010
Country of origin	DE

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## Set consists of

### UM-BASIC/PRO 108 COVER-L KMGY - Lateral element

2202021

<https://www.phoenixcontact.com/us/products/2202021>

Lateral element (left) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 108 mm



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### UM-BASIC/PRO 108 COVER-R KMGY - Lateral element

2202022

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Lateral element (right) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 108 mm



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## SMKDS 2,5/ 8-5,08 - PCB terminal block

1736845

<https://www.phoenixcontact.com/us/products/1736845>



Printed circuit board terminal, nominal current: 20 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm<sup>2</sup>, number of potentials: 8, number of rows: 1, number of positions per row: 8, product range: SMKDS 2,5, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 50 °, color: green, Pin layout: Linear pinning, Solder pin [P]: 3.5 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard

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## UM-BASIC PROFILE - Profile

2200149

<https://www.phoenixcontact.com/us/products/2200149>



Press-drawn section housings, Latching with side elements, latching with foot element, Basic profile, profile length (configurable): 3 cm ... 200 cm, depth: 19.8 mm, Note: required profile length = PCB length - 16.2 mm

## Technical data

### Notes

Assembly note	Please observe the assembly instructions available in the download area.
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### Product properties

Product type	Stackable housing set
Housing type	Press-drawn section housings
Housing type	Extruded profile housings
Housing series	UM-BASIC
Ventilation openings present	no

### Dimensions

Width	104 mm
Height	127.8 mm
Depth from top edge of DIN rail	32.45 mm
Dimensions	108 mm x 100 mm (PCB dimensions)

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

Color (Housing)	light gray (RAL 7035)
Material Extruded profile	PVC
Material Lateral element	PA
Flammability rating according to UL 94	V0
Insulating material	PVC

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-15 °C ... 50 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 50 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Relative humidity (storage/transport)	95 %

### PCB data

Number of PCB holders	3
Type of PCB mount	Insertion/securing with additional elements
Total PCB surface	8630 mm <sup>2</sup>
Thickness of the PCB	1.4 mm ... 1.8 mm

### Mounting

Mounting type	DIN rail mounting
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Mounting position	parallel to the DIN rail
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## Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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## Classifications

### ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	27190301

### ETIM

ETIM 10.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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