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

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



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

2202022

https://www.phoenixcontact.com/us/products/2202022

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



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

1736845

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



PCB terminal block, nominal current: 20 A, rated voltage (III/2): 400 V, nominal cross section: 2.5 mm^2, 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

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.

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

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 mm²
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting

Mounting position	parallel to the DIN rail

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

Classifications

ECLASS

ECLASS-13.0	27190301
ECLASS-15.0	27190301

ETIM

ETIM 10.0	EC001031

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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