UM-BASIC/PRO PCB S-LOCK KMGY - Locking

2202031

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Locking element for locking the upper PCB onto UM-BASIC/PRO housings close to the edge

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	2202031
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AC17
Product key	ACHDAZ
GTIN	4055626005423
Weight per piece (including packing)	0.318 g
Weight per piece (excluding packing)	0.3 g
Customs tariff number	39269097
Country of origin	DE

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Technical data

Notes

Assembly note	Refer to the data sheet for the range in the download area.

Product properties

Product type	Mounting material
Housing type	Press-drawn section housings
Housing series	UM-BASIC
Product family	UM-PRO
Type	top PCB (lateral)

Material specifications

Color (Housing)	light grey (RAL 7035)
Flammability rating according to UL 94	V0
Housing material	Polyamide
Surface characteristics	untreated

Environmental and real-life conditions

Glow-wire test

Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	125 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 55 °C
Ambient temperature (assembly)	-5 °C ... 100 °C
Relative humidity (storage/transport)	80 %

Mounting

Mounting type	Plug-in mounting

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2202031

UL Recognized
Approval ID: FILE E 240868

Classifications

ECLASS

ECLASS-11.0	27182701
ECLASS-13.0	27190605

ETIM

ETIM 9.0	EC002779

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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Mandatory accessories

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

UM-BASIC/PRO 72 COVER-L KMGY - Lateral element

2202018

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Lateral element (left) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 72 mm

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UM-BASIC/PRO 72 COVER-R KMGY - Lateral element

2202019

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Lateral element (right) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 72 mm

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

2202021

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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

UM-BASIC/PRO 122 COVER-L KMGY - Lateral element

2202045

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Lateral element (left) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 122 mm

UM-BASIC/PRO PCB S-LOCK KMGY - Locking

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UM-BASIC/PRO 122 COVER-R KMGY - Lateral element

2202046

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Lateral element (right) with mounting foot for DIN rails for UM-BASIC profiles with a PCB width of 122 mm

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Accessories

SZF 0-0,4X2,5 - Screwdriver

1204504

https://www.phoenixcontact.com/us/products/1204504

Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

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UM-BASIC/PRO PE CONTACT L1 - Functional ground contact

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PE contact for UM-BASIC panel mounting base for connecting the PCB to the DIN rail at level 1

UM-BASIC/PRO PE CONTACT L2 - Functional ground contact

2202026

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PE contact for UM-BASIC panel mounting base for connecting the PCB to the DIN rail at level 2

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UM-BASIC/PRO PE CONTACT L3 - Functional ground contact

2202027

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PE contact for UM-BASIC panel mounting base for connecting the PCB to the DIN rail at level 3

UM-BASIC/PRO PCB C-LOCK L1KMGY - Locking

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Locking element for locking the PCB onto UM-BASIC/PRO housing at level 1

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UM-BASIC/PRO PCB C-LOCK L2KMGY - Locking

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Locking element for locking the PCB onto UM-BASIC/PRO housing at level 2

UM-BASIC/PRO PCB C-LOCK L3KMGY - Locking

2202030

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Locking element for locking the PCB onto UM-BASIC/PRO housing at level 3

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UM-BASIC/PRO MOUNT KMGY - Mounting flange

2202032

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Press-drawn section housings, Wall mounting, Mounting flange for direct wall mounting

UM-BASIC/PRO 72 FOOT KMGY - Foot element

2202020

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Press-drawn section housings, DIN rail mounting, for the DIN rail, for mounting below UM-BASIC PROFILE (width: 72 mm), Foot element

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UM-BASIC/PRO 108 FOOT KMGY - Foot element

2202023

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Press-drawn section housings, DIN rail mounting, for the DIN rail, for mounting below UM-BASIC PROFILE (width: 108 mm), Foot element

UM-BASIC/PRO 122 FOOT KMGY - Foot element

2202024

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Press-drawn section housings, DIN rail mounting, for the DIN rail, for mounting below UM-BASIC PROFILE (width: 122 mm), Foot element

UM-BASIC/PRO PCB S-LOCK KMGY - Locking

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UM-BASIC/PRO A/U N 73 CM - Covering hood

2202035

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Press-drawn section housings, Latching, Cover, width: 73 mm, profile length (configurable): 3 cm ... 100 cm, height: 24 mm, Note: max. length of the cover = PCB length - 19 mm

UM-BASIC/PRO A/U 73 CM - Covering hood

2202036

https://www.phoenixcontact.com/us/products/2202036

Press-drawn section housings, Latching, Cover, width: 73 mm, profile length (configurable): 3 cm ... 100 cm, height: 63.2 mm, Note: max. length of the cover = PCB length - 19 mm

UM-BASIC/PRO PCB S-LOCK KMGY - Locking

2202031

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UM-BASIC/PRO A/U 92 CM - Covering hood

2202037

https://www.phoenixcontact.com/us/products/2202037

Press-drawn section housings, Latching, Cover, width: 92 mm, profile length (configurable): 3 cm ... 100 cm, height: 34 mm, Note: max. length of the cover = PCB length - 19 mm
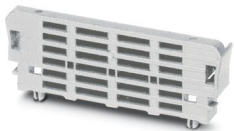
UM-BASIC/PRO LID-73N KMGY - Lateral element

2202034

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Press-drawn section housings, Latching, Side element for low U-shaped profile cover, width: 10.35 mm, height: 78.43 mm, depth: 29.75 mm

UM-BASIC/PRO PCB S-LOCK KMGY - Locking

2202031

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UM-BASIC/PRO LID-73 KMGY - Lateral element

2202033

https://www.phoenixcontact.com/us/products/2202033

Press-drawn section housings, Latching, Side element for U-shaped profile cover, width: 10.35 mm, height: 78.49 mm, depth: 68.95 mm

UM-BASIC/PRO LID-92 KMGY - Lateral element

2202047

https://www.phoenixcontact.com/us/products/2202047

Press-drawn section housings, Latching, Side element for U-shaped profile cover, width: 10.35 mm, height: 97.51 mm, depth: 39.7 mm