

UM-PRO PCB C-LOCK L1 BK - Locking



2200164

<https://www.phoenixcontact.com/us/products/2200164>

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

Your advantages

- Tailor-made housing length, can be cut to length with millimeter precision
- Easy integration of large electronics components, thanks to the open design
- Heat-resistant UM-PRO made from polyamide with UL approval up to 100°C
- 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	2200164
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AC13
Product key	ACHDAZ
Catalog page	Page 748 (C-1-2013)
GTIN	4046356547581
Weight per piece (including packing)	0.504 g
Weight per piece (excluding packing)	0.5 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.
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Product properties

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

Material specifications

Color (Housing)	black (RAL 9005)
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
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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2200164>



UL Recognized

Approval ID: FILE E 240868

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Classifications

ECLASS

ECLASS-11.0	27182701
ECLASS-13.0	27190605

ETIM

ETIM 9.0	EC002779
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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
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-PRO PROFILE - Profile

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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-PRO 72 COVER-L BK - Lateral element

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

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UM-PRO 72 COVER-R BK - Lateral element

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Lateral element (right) with mounting foot for DIN rails for profiles for PCB width 72 mm



UM-PRO 108 COVER-L BK - Lateral element

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



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UM-PRO 108 COVER-R BK - Lateral element

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



UM-PRO 122 COVER-L BK - Lateral element

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



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UM-PRO 122 COVER-R BK - Lateral element

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



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-PRO PE CONTACT L1 - Functional ground contact

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

UM-PRO PE CONTACT L2 - Functional ground contact

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

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UM-PRO PE CONTACT L3 - Functional ground contact

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

UM-PRO PCB S-LOCK BK - Locking

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Locking element for locking the top PCB onto UM-PRO housing close to the edge

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UM-PRO PCB C-LOCK L2 BK - Locking

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

UM-PRO PCB C-LOCK L3 BK - Locking

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

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UM-PRO MOUNT BK - Mounting flange

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Foot element for mounting UM-PRO DIN rail-mount bases directly onto the mounting panel



UM-PRO 72 FOOT BK - Foot element

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



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UM-PRO 108 FOOT BK - Foot element

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



UM-PRO 122 FOOT BK - Foot element

2200160

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Press-drawn section housings, DIN rail mounting, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 122 mm), Foot element, width: 14.3 mm, height: 135.9 mm, depth: 20.95 mm



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

2200310

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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-PRO A/U 73 CM - Covering hood

2200311

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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

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UM-PRO A/U 92 CM - Covering hood

2200312

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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-PRO LID-73N BK - Lateral element

2200174

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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

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UM-PRO LID-73 BK - Lateral element

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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-PRO LID-92 BK - Lateral element

2200172

<https://www.phoenixcontact.com/us/products/2200172>



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

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