

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	1 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

Technical data

Notes

General	Refer to the data sheet for the range in the download area.
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Product properties

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

Material specifications

Color	black (9005)
Flammability rating according to UL 94	V0
Surface characteristics	untreated
Housing material	Polyamide

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>



EAC

Approval ID: B.01687



UL Recognized

Approval ID: FILE E 240868

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Classifications

ECLASS

ECLASS-11.0	27182701
ECLASS-13.0	27190605

ETIM

ETIM 8.0	EC002779
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UNSPSC

UNSPSC 21.0	31261500
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Mandatory accessories

UM-PRO PROFILE - Profile

2200148

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Press-drawn section housings, Latching with side elements, latching with foot element, Basic profile, color: light grey (7035), 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

2200162

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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), color: black (9005), 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), color: black (9005), 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), color: black (9005), 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, color: transparent, 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, color: transparent, 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, color: transparent, 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, color: black (9005), 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, color: black (9005), 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, color: black (9005), width: 10.35 mm, height: 97.51 mm, depth: 39.7 mm

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