

# Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

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


The figure shows the versions for PCB 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



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 547581
GTIN	4046356547581

## Technical data

### Product properties

Brief article description	Mounting material
Type	UM-PRO PCB C-LOCK L1 BK
Order No.	2200164
Housing type	Press-drawn section housings
Mounting type	Plug-in mounting

### Material specifications

Housing material	Polyamide
Color (RAL)	black (9005)
Flammability rating according to UL 94	V0

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## Technical data

### Ambient conditions

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

### Thermal stability (ball thrust test)

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

### Test for assessing the risk of fire (glow wire)

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

### General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

### Packaging specifications

Pieces per package	50
Denomination packing units	Pcs.

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27182701
eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27180800
eCl@ss 7.0	27182701
eCl@ss 8.0	27182701
eCl@ss 9.0	27182701

### ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031

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## Classifications

### ETIM

ETIM 4.0	EC002608
ETIM 5.0	EC002779
ETIM 6.0	EC002779
ETIM 7.0	EC002779

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

## Approvals

### Approvals

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Approvals


EAC

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Ex Approvals

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### Approval details

EAC		B.01687
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## Accessories

Accessories

Screwdriver tools

## Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

### Accessories

Screwdriver - SZF 0-0,4X2,5 - 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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### Necessary add-on products

Profile - UM-PRO PROFILE - 2200148



Press-drawn section housings, Basic profile, profile length (configurable): 3 cm ... 100 cm, color: gray (7035), Note: required profile length = PCB length - 16.2 mm

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Side element - UM-PRO 72 COVER-L BK - 2200151



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

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Side element - UM-PRO 72 COVER-R BK - 2200152



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

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Side element - UM-PRO 108 COVER-L BK - 2200155



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

## Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

### Accessories

Side element - UM-PRO 108 COVER-R BK - 2200156

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



Side element - UM-PRO 122 COVER-L BK - 2200158

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



Side element - UM-PRO 122 COVER-R BK - 2200159

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



### Additional products

Functional ground contact - UM-PRO PE CONTACT L1 - 2200161



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

Functional ground contact - UM-PRO PE CONTACT L2 - 2200162



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

## Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

### Accessories

Functional ground contact - UM-PRO PE CONTACT L3 - 2200163



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

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Locking - UM-PRO PCB S-LOCK BK - 2200168



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

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Mounting material - UM-PRO PCB C-LOCK L2 BK - 2200165



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

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Mounting material - UM-PRO PCB C-LOCK L3 BK - 2200166



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

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Mounting flange - UM-PRO MOUNT BK - 2200171



Fuse element for mounting UM-PRO panel mounting bases directly onto the mounting plate

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## Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

### Accessories

#### Foot element - UM-PRO 72 FOOT BK - 2200153

Press-drawn section housings, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 72 mm), Foot element, color: black (9005)



#### Foot element - UM-PRO 108 FOOT BK - 2200157

Press-drawn section housings, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 108 mm), Foot element, color: black (9005)



#### Foot element - UM-PRO 122 FOOT BK - 2200160

Press-drawn section housings, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 122 mm), Foot element, color: black (9005)



#### Covering hood - UM-PRO A/U N 73 CM - 2200310

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



#### Covering hood - UM-PRO A/U 73 CM - 2200311

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



## Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164

### Accessories

Covering hood - UM-PRO A/U 92 CM - 2200312



Press-drawn section housings, Cover, width: 92 mm, profile length (configurable): 3 cm ... 100 cm, height: 34 mm, color: transparent, Note: max. length of the cover = PCB length = 19 mm

Side element - UM-PRO LID-73N BK - 2200174



Press-drawn section housings, Side element for low U-shaped profile cover, width: 10.35 mm, height: 78.43 mm, color: black (9005)

Side element - UM-PRO LID-73 BK - 2200173



Press-drawn section housings, Side element for U-shaped profile cover, width: 10.35 mm, height: 78.49 mm, color: black (9005)

Side element - UM-PRO LID-92 BK - 2200172



Press-drawn section housings, Side element for U-shaped profile cover, width: 10.35 mm, height: 97.51 mm, color: black (9005)

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