

# 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



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

## Commercial data

Item number	2200164
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	AC13
Product key	ACHDAZ
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	Please observe the application note in the download area.
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### Product properties

Product type	Mounting material
Housing type	Press-drawn section housings
Housing type	Extruded profile housings
Housing series	UM-PRO
Product family	UM-PRO

### Material specifications

Color (Housing)	black (RAL 9005)
Material Housing	PA
Flammability rating according to UL 94	V0

### 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: E240868

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## Classifications

### ECLASS

ECLASS-13.0	27190605
ECLASS-15.0	27190605

### ETIM

ETIM 10.0	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
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### 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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### EF3.1 Climate Change

CO2e kg	0.001 kg CO2e
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