

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 |
| 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. |
|---------------|---|

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 | PA |
| 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: E240868

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
|-------------|----------|

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002779 |
|----------|----------|

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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