

2200156  
<https://www.phoenixcontact.com/us/products/2200156>

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



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                          | 2200156       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AC13          |
| Product key                          | ACHDAA        |
| GTIN                                 | 4046356547383 |
| Weight per piece (including packing) | 17.95 g       |
| Weight per piece (excluding packing) | 17.57 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

# UM-PRO 108 COVER-R BK - Lateral element



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## Technical data

### Notes

|               |                                                           |
|---------------|-----------------------------------------------------------|
| Assembly note | Please observe the application note in the download area. |
|---------------|-----------------------------------------------------------|

### Product properties

|                |                               |
|----------------|-------------------------------|
| Product type   | Panel mounting base side part |
| Housing type   | Press-drawn section housings  |
| Housing series | UM-PRO                        |
| Product family | UM-PRO 108                    |

### Dimensions

|                                 |          |
|---------------------------------|----------|
| Width                           | 19.5 mm  |
| Height                          | 127.8 mm |
| Depth                           | 39.45 mm |
| Depth from top edge of DIN rail | 32.45 mm |

### PCB design

|               |                   |
|---------------|-------------------|
| PCB thickness | 1.4 mm ... 1.8 mm |
|---------------|-------------------|

### Material specifications

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

#### Degree of protection (IP code)

|               |                                                   |
|---------------|---------------------------------------------------|
| Specification | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
|---------------|---------------------------------------------------|

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## Ambient conditions

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Max. IP code to attain                  | IP20                                               |
| 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 %                                               |

## PCB data

|                       |                                             |
|-----------------------|---------------------------------------------|
| Number of PCB holders | 3                                           |
| Type of PCB mount     | Insertion/securing with additional elements |
| PCB surface           | 700 mm² ... 1200 mm² (per basic profile cm) |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm                           |

## Packaging specifications

|                      |                     |
|----------------------|---------------------|
| Type of packaging    | packed in cardboard |
| Outer packaging type | Carton              |

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2200156>



**UL Recognized**

Approval ID: E240868

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190602 |
| ECLASS-15.0 | 27190602 |

### 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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