

# UM-BASIC/PRO 108 COVER-R KMGY - Lateral element



2202022

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



## Your advantages

- Different base profiles, each with three PCB levels
- Module covers of different geometries can be positioned in any way
- Compatibility with many standard connection technologies
- 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                          | 2202022       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | AC13          |
| Product key                          | ACHDAC        |
| GTIN                                 | 4055626005331 |
| Weight per piece (including packing) | 18.2 g        |
| Weight per piece (excluding packing) | 17.85 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | PL            |

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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 type                 | Extruded profile housings     |
| Housing series               | UM-BASIC                      |
| Product family               | UM-BASIC/PRO 108              |
| Ventilation openings present | no                            |

### 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 (Side element)                   | light gray (RAL 7035) |
| Material Lateral element               | 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                     |

#### Degree of protection (IP code)

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

## 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 mm <sup>2</sup> ... 1200 mm <sup>2</sup> (per basic profile cm) |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm   |

## Mounting

|               |  |
|---------------|--|
| Mounting type | DIN rail mounting/panel mounting (with optional mounting flange), latching with extruded profile |
|---------------|--|

## 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/2202022>



**UL Recognized**  
Approval ID: E240868

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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.325 kg CO2e |
|---------|---------------|

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