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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              |
| Catalog page                         | Page 749 (C-1-2013) |
| GTIN                                 | 4046356547383       |
| Weight per piece (including packing) | 17.92 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



2200156

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

## Technical data

### Notes

|               |                                                             |
|---------------|-------------------------------------------------------------|
| Assembly note | Refer to the data sheet for the range 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                                               |
| Type           | Side element (right) with mounting foot for the DIN rail |

### Data management status

|                  |    |
|------------------|----|
| Article revision | 01 |
|------------------|----|

### 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) |
| Flammability rating according to UL 94 | V0               |
| Housing material                       | Polyamide        |
| 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                  |

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|           |    |
|-----------|----|
| Frequency | 50 |
|-----------|----|

## Degree of protection (IP code)

|               |                                                   |
|---------------|---------------------------------------------------|
| 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 mm² ... 1200 mm² (per basic profile cm) |
| Thickness of the PCB  | 1.4 mm ... 1.8 mm                           |

## Mounting

|               |                                                                 |
|---------------|-----------------------------------------------------------------|
| Mounting type | DIN rail mounting/wall mounting (with optional mounting flange) |
|---------------|-----------------------------------------------------------------|

## Packaging specifications

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

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



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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

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



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182701 |
| ECLASS-13.0 | 27190602 |

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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



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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%               |

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



2200156

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## Mandatory accessories

### UM-PRO PROFILE - Profile

2200148

<https://www.phoenixcontact.com/us/products/2200148>

Press-drawn section housings, Latching with side elements, latching with foot element, Basic profile, profile length (configurable): 3 cm ... 200 cm, depth: 19.8 mm, Note: required profile length = PCB length - 16.2 mm



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

2200155

<https://www.phoenixcontact.com/us/products/2200155>

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



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## Accessories

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

2200156

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



## SZF 0-0,4X2,5 - Screwdriver

1204504

<https://www.phoenixcontact.com/us/products/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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## UM-PRO PE CONTACT L1 - Functional ground contact

2200161

<https://www.phoenixcontact.com/us/products/2200161>



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



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



2200156

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

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

2200162

<https://www.phoenixcontact.com/us/products/2200162>



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

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

2200163

<https://www.phoenixcontact.com/us/products/2200163>



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

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

2200156

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



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

2200168

<https://www.phoenixcontact.com/us/products/2200168>



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

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## UM-PRO PCB C-LOCK L1 BK - Locking

2200164

<https://www.phoenixcontact.com/us/products/2200164>



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

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



2200156

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

## UM-PRO PCB C-LOCK L2 BK - Locking

2200165

<https://www.phoenixcontact.com/us/products/2200165>



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

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## UM-PRO PCB C-LOCK L3 BK - Locking

2200166

<https://www.phoenixcontact.com/us/products/2200166>



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

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

2200156

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



## UM-PRO MOUNT BK - Mounting flange

2200171

<https://www.phoenixcontact.com/us/products/2200171>

Foot element for mounting UM-PRO DIN rail-mount bases directly onto the mounting panel



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## UM-PRO 108 FOOT BK - Foot element

2200157

<https://www.phoenixcontact.com/us/products/2200157>

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



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

2200156

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



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

2200310

<https://www.phoenixcontact.com/us/products/2200310>



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

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

2200311

<https://www.phoenixcontact.com/us/products/2200311>



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

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

2200156

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



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

2200312

<https://www.phoenixcontact.com/us/products/2200312>

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



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## UM-PRO LID-73N BK - Lateral element

2200174

<https://www.phoenixcontact.com/us/products/2200174>

Press-drawn section housings, Latching, Side element for low U-shaped profile cover, width: 10.35 mm, height: 78.43 mm, depth: 29.75 mm



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

2200156

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



## UM-PRO LID-73 BK - Lateral element

2200173

<https://www.phoenixcontact.com/us/products/2200173>



Press-drawn section housings, Latching, Side element for U-shaped profile cover, width: 10.35 mm, height: 78.49 mm, depth: 68.95 mm

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## UM-PRO LID-92 BK - Lateral element

2200172

<https://www.phoenixcontact.com/us/products/2200172>



Press-drawn section housings, Latching, Side element for U-shaped profile cover, width: 10.35 mm, height: 97.51 mm, depth: 39.7 mm

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