

# UM-PRO PE CONTACT L1 - Functional ground contact



2200161

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

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PE contact for UM-PRO panel mounting base for connecting the PCB to the DIN rail 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	2200161
Packing unit	1 pc
Minimum order quantity	20 pc
Sales key	AC13
Product key	ACHDAZ
Catalog page	Page 748 (C-1-2013)
GTIN	4046356547260
Weight per piece (including packing)	2.745 g
Weight per piece (excluding packing)	2.344 g
Customs tariff number	85369095
Country of origin	DE

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## Technical data

### Notes

General	Refer to the data sheet for the range in the download area.
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### Product properties

Product type	Ground contact
Product family	UM-PRO
Type	top PCB level
Housing type	Press-drawn section housings
Housing series	UM-PRO

### Dimensions

Width	6 mm
Height	20.8 mm
Depth	34.3 mm

### PCB design

PCB thickness	1.4 mm ... 1.8 mm
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### Material specifications

Color	silver
Housing material	Steel

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C
Ambient temperature (assembly)	-5 °C ... 100 °C

### PCB data

Thickness of the PCB	1.4 mm ... 1.8 mm
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### Mounting

Mounting type	Screw mounting
Tightening torque / speed	Mounting the PCB: 0.5 Nm-0.6 Nm / 500 rpm-1000 rpm

### Packaging specifications

Outer packaging type	Resealable bag
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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2200161>



**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

ECLASS-11.0	27182701
ECLASS-13.0	27190605

### ETIM

ETIM 8.0	EC002779
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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## Mandatory accessories

### UM-PRO PROFILE - Profile

2200148

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Press-drawn section housings, Latching with side elements, latching with foot element, Basic profile, color: light grey (7035), 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 72 COVER-L BK - Lateral element

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Lateral element (left) with mounting foot for DIN rails for UM-PRO profiles with a PCB width of 72 mm

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## UM-PRO 72 COVER-R BK - Lateral element

2200152

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Lateral element (right) with mounting foot for DIN rails for profiles for PCB width 72 mm



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

2200155

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



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

2200156

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



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## UM-PRO 122 COVER-L BK - Lateral element

2200158

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Lateral element (left) with mounting foot for DIN rails for UM-PRO profiles with a PCB width of 122 mm





# UM-PRO PE CONTACT L1 - Functional ground contact



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## UM-PRO 122 COVER-R BK - Lateral element

2200159

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



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## Accessories

### 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



# UM-PRO PE CONTACT L1 - Functional ground contact



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

2200163

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

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

2200168

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

# UM-PRO PE CONTACT L1 - Functional ground contact



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

2200164

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

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

2200165

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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

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

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## 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 72 FOOT BK - Foot element

2200153

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Press-drawn section housings, DIN rail mounting, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 72 mm), color: black (9005), Foot element



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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), color: black (9005), Foot element



# UM-PRO PE CONTACT L1 - Functional ground contact



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## UM-PRO 122 FOOT BK - Foot element

2200160

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Press-drawn section housings, DIN rail mounting, Base element for the DIN rail, for mounting below UM-PRO PROFILE (width: 122 mm), color: black (9005), Foot element, width: 14.3 mm, height: 135.9 mm, depth: 20.95 mm



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

2200310

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

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

2200312

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



Press-drawn section housings, Latching, Cover, color: transparent, 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

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Press-drawn section housings, Latching, Side element for low U-shaped profile cover, color: black (9005), width: 10.35 mm, height: 78.43 mm, depth: 29.75 mm



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## 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, color: black (9005), 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, color: black (9005), width: 10.35 mm, height: 97.51 mm, depth: 39.7 mm



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