

## Functional earth ground contact - UM-PRO PE CONTACT L3 - 2200163

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


The figure shows the versions for PCB 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



### Key Commercial Data

Packing unit	20 pc
Minimum order quantity	20 pc
GTIN	 4 046356 547246
GTIN	4046356547246
Weight per Piece (excluding packing)	2.380 g
Custom tariff number	85369095
Country of origin	Germany

### Technical data

#### Product properties

Brief article description	Functional earth ground contact
Type	UM-PRO PE CONTACT L3
Order No.	2200163
Housing type	Press-drawn section housings
Mounting type	Screw mounting

#### Dimensions

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## Technical data

### Dimensions

Width [ w ]	6 mm
Height [ h ]	20.8 mm
Depth [ d ]	25.7 mm

### Material specifications – metals

Contact material	CuSn
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### Ambient conditions

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

### PCB specifications

PCB thickness	1.4 mm ... 1.8 mm
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### General information

Type of note	Assembly instruction:
Note	Refer to the data sheet for the range in the download area.

### Note on mounting

Tightening torque / rotational speed	Mounting the PCB: 0.5 Nm-0.6 Nm / 500 rpm-1000 rpm
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### Packaging specifications

Pieces per package	20
Denomination packing units	Pcs.
Outer packaging type	Resealable bag

### Environmental Product Compliance

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27182701
eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
eCl@ss 5.0	27180500
eCl@ss 5.1	27180500
eCl@ss 6.0	27400600
eCl@ss 7.0	27182701
eCl@ss 8.0	27182701
eCl@ss 9.0	27182701

### ETIM

ETIM 2.0	EC001031
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## Classifications

### ETIM

ETIM 3.0	EC001031
ETIM 4.0	EC000275
ETIM 5.0	EC002779
ETIM 6.0	EC002779
ETIM 7.0	EC002779

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 18.0	31261501
UNSPSC 19.0	31261501
UNSPSC 20.0	31261501
UNSPSC 21.0	31261501

## Approvals

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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## Accessories

### Necessary add-on products

Profile - UM-PRO PROFILE - 2200148



Press-drawn section housings, Basic profile, profile length (configurable): 3 cm ... 100 cm, color: gray (7035), Note: required profile length = PCB length - 16.2 mm

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## Accessories

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Side element - UM-PRO 72 COVER-L BK - 2200151



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

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Side element - UM-PRO 72 COVER-R BK - 2200152



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

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Side element - UM-PRO 108 COVER-L BK - 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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Side element - UM-PRO 108 COVER-R BK - 2200156



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

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Side element - UM-PRO 122 COVER-L BK - 2200158



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

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## Functional earth ground contact - UM-PRO PE CONTACT L3 - 2200163

### Accessories

Side element - UM-PRO 122 COVER-R BK - 2200159

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



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### Additional products

Functional earth ground contact - UM-PRO PE CONTACT L1 - 2200161



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

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Functional earth ground contact - UM-PRO PE CONTACT L2 - 2200162



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

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Locking - UM-PRO PCB S-LOCK BK - 2200168



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

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Mounting material - UM-PRO PCB C-LOCK L1 BK - 2200164



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

# Functional earth ground contact - UM-PRO PE CONTACT L3 - 2200163

## Accessories

Mounting material - UM-PRO PCB C-LOCK L2 BK - 2200165



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

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Mounting material - UM-PRO PCB C-LOCK L3 BK - 2200166



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

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Mounting flange - UM-PRO MOUNT BK - 2200171

Fuse element for mounting UM-PRO panel mounting bases directly onto the mounting plate



Foot element - UM-PRO 72 FOOT BK - 2200153

Mounting foot for 72 mm UM-PRO profiles for mounting on DIN rails



Foot element - UM-PRO 108 FOOT BK - 2200157

Mounting foot for 108 mm UM-PRO profiles for mounting on DIN rails



# Functional earth ground contact - UM-PRO PE CONTACT L3 - 2200163

## Accessories

### Foot element - UM-PRO 122 FOOT BK - 2200160

Mounting foot for 122 mm UM-PRO profiles for mounting on DIN rails



### Covering hood - UM-PRO A/U N 73 CM - 2200310

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



### Covering hood - UM-PRO A/U 73 CM - 2200311

Press-drawn section housings, 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



### Covering hood - UM-PRO A/U 92 CM - 2200312

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



### Side element - UM-PRO LID-73N BK - 2200174

Press-drawn section housings, Side element for low U-shaped profile cover, width: 9.95 mm, length: 76 mm, color: black (9005)



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### Accessories

Side element - UM-PRO LID-73 BK - 2200173



Press-drawn section housings, Side element for U-shaped profile cover, width: 9.95 mm, length: 76 mm, color: black (9005)

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Side element - UM-PRO LID-92 BK - 2200172



Press-drawn section housings, Side element for U-shaped profile cover, width: 9.95 mm, length: 95 mm, color: black (9005)

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