

# 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                         | 20 pc         |
| Minimum order quantity               | 20 pc         |
| Sales key                            | AC13          |
| Product key                          | ACHDAZ        |
| 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

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

### Product properties

|                |                              |
|----------------|------------------------------|
| Product type   | Ground contact               |
| Housing type   | Press-drawn section housings |
| Housing type   | Extruded profile housings    |
| Housing series | UM-PRO                       |
| Product family | UM-PRO                       |

### Dimensions

|        |         |
|--------|---------|
| Width  | 6 mm    |
| Height | 20.8 mm |
| Depth  | 34.3 mm |

### PCB design

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

### Material specifications

|                  |                |
|------------------|----------------|
| Color            | silver-colored |
| Material         | Steel          |
| Contact material | CuSn           |

### 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 |
|----------------------|-------------------|

### Mounting

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

### Packaging specifications

|                      |                |
|----------------------|----------------|
| Outer packaging type | Resealable bag |
|----------------------|----------------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190605 |
| ECLASS-15.0 | 27190605 |

### 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 | 0.008 kg CO2e |
|---------|---------------|

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