

# UM-ALU 4-100,5 PROFILE 200 - Profile



2200940

<https://www.phoenixcontact.com/gb/products/2200940>

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Press-drawn section housings, Screw mounting, Basic profile, profile width (internal): 100.5 mm, profile width (external): 105 mm, length: 200 mm, depth: 29.4 mm



## Your advantages

- Aluminum extruded profile
- Variety of connection technology
- Can be mounted on the DIN rail
- Available in lengths from 42.5 mm ... 990 mm, can be cut to any length
- Available in overall widths of 75 mm and 105 mm
- EMC protection

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2200940             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | ACHDFA              |
| Product key                          | ACHDFA              |
| Catalog page                         | Page 744 (C-1-2013) |
| GTIN                                 | 4046356716420       |
| Weight per piece (including packing) | 236.1 g             |
| Weight per piece (excluding packing) | 236.1 g             |
| Customs tariff number                | 76042990            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                              |                              |
|------------------------------|------------------------------|
| Product type                 | Component housing lower part |
| Housing type                 | Press-drawn section housings |
| Housing series               | UM-ALU                       |
| Product family               | UM-ALU 4-100,5               |
| Type                         | Basic profile                |
| Ventilation openings present | no                           |

### Dimensions

|                                 |         |
|---------------------------------|---------|
| Dimensional drawing             |         |
| Depth                           | 29.4 mm |
| Depth from top edge of DIN rail | 25.5 mm |
| Length                          | 200 mm  |

### External dimensions

|                          |        |
|--------------------------|--------|
| Profile width (external) | 105 mm |
|--------------------------|--------|

### Internal dimensions

|                          |          |
|--------------------------|----------|
| Profile width (internal) | 100.5 mm |
|--------------------------|----------|

### PCB design

|               |                  |
|---------------|------------------|
| PCB thickness | 1.44 mm ... 2 mm |
|---------------|------------------|

### Material specifications

|                         |                |
|-------------------------|----------------|
| Color (Housing)         | Aluminum color |
| Housing material        | Aluminum       |
| Surface characteristics | anodized       |

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Max. IP code to attain                  | IP40                                               |
| 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                                   |

### PCB data

|                       |      |
|-----------------------|------|
| Number of PCB holders | 3    |
| Type of PCB mount     | Slot |

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|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| PCB surface          | 18363 mm <sup>2</sup> ... 19685 mm <sup>2</sup> (TOP in conjunction with side elements COVER...AL)    |
|                      | 19166 mm <sup>2</sup> ... 19685 mm <sup>2</sup> (BOTTOM in conjunction with side elements COVER...AL) |
|                      | 18363 mm <sup>2</sup> ... 19783 mm <sup>2</sup> (TOP in conjunction with side elements COVER...PA)    |
|                      | 19262 mm <sup>2</sup> ... 19783 mm <sup>2</sup> (BOTTOM in conjunction with side elements COVER...PA) |
| Thickness of the PCB | 1.44 mm ... 2 mm                                                                                      |

## Mounting

|                   |                          |
|-------------------|--------------------------|
| Mounting type     | Screw mounting           |
| Mounting position | parallel to the DIN rail |

## Packaging specifications

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

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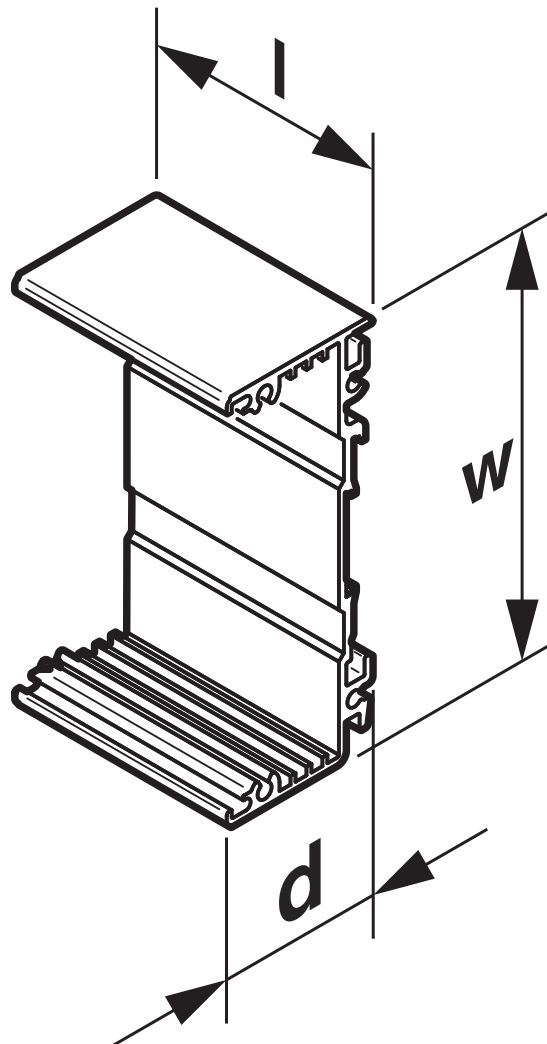
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## Drawings

Dimensional drawing

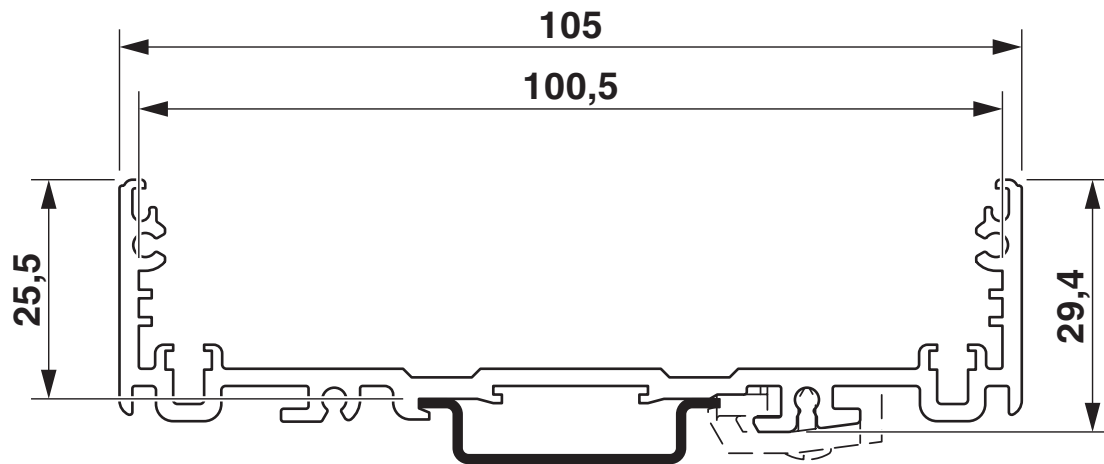


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Dimensional drawing



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27182701 |
| ECLASS-13.0 | 27190601 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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%               |

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PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)