

# UM-ALU 4 AU45 L165 - Profile cover



2200958

<https://www.phoenixcontact.com/us/products/2200958>

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Press-drawn section housings, Screw mounting, Profile cover, width: 45.6 mm, profile width (internal): 42 mm, profile width (external): 45.6 mm, length: 165 mm, depth: 28.1 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	2200958
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AC14
Product key	ACHDFC
GTIN	4046356721011
Weight per piece (including packing)	90.9 g
Weight per piece (excluding packing)	90.9 g
Customs tariff number	76042990
Country of origin	HU

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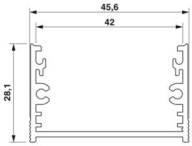
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## Technical data

### Product properties

Product type	Component housing cover
Housing type	Press-drawn section housings
Housing series	UM-ALU
Product family	UM-ALU
Ventilation openings present	no

### Dimensions

Dimensional drawing	
Width	45.6 mm
Depth	28.1 mm
Length	165 mm

### External dimensions

Profile width (external)	45.6 mm
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### Internal dimensions

Profile width (internal)	42 mm
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### PCB design

PCB thickness	1.44 mm ... 2 mm
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### Material specifications

Color (Housing)	aluminum color
Material Housing	Anodized aluminum (anodized)
Surface characteristics	anodized

### Environmental and real-life conditions

#### Ambient conditions

Max. IP code to attain	IP40
Ambient temperature (operation)	-40 °C ... 100 °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	4
Type of PCB mount	Slot
PCB surface	4528 mm <sup>2</sup> ... 6354 mm <sup>2</sup> (TOP in conjunction with side elements COVERLID...AL or 4LID...PA)

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	4361 mm <sup>2</sup> ... 6189 mm <sup>2</sup> (BOTTOM in conjunction with side elements COVERLID...AL or 4LID...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

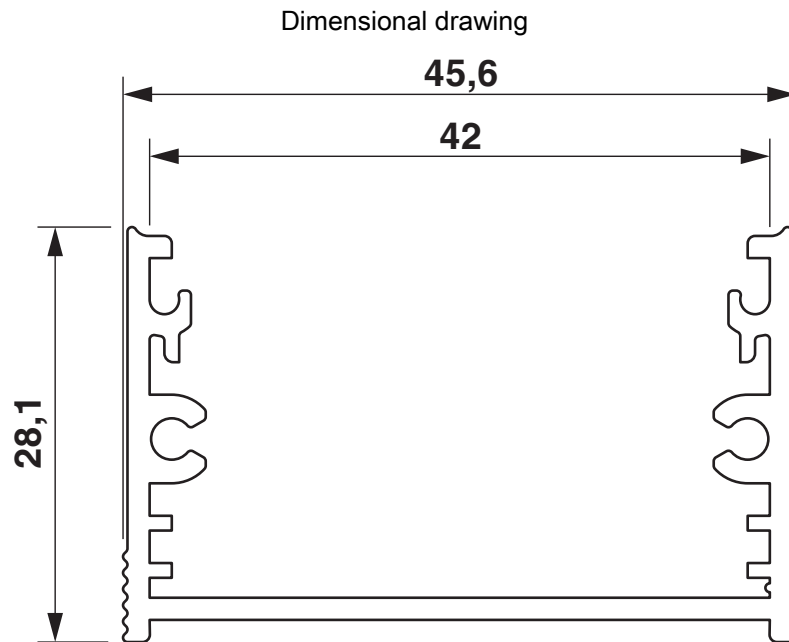
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## Drawings



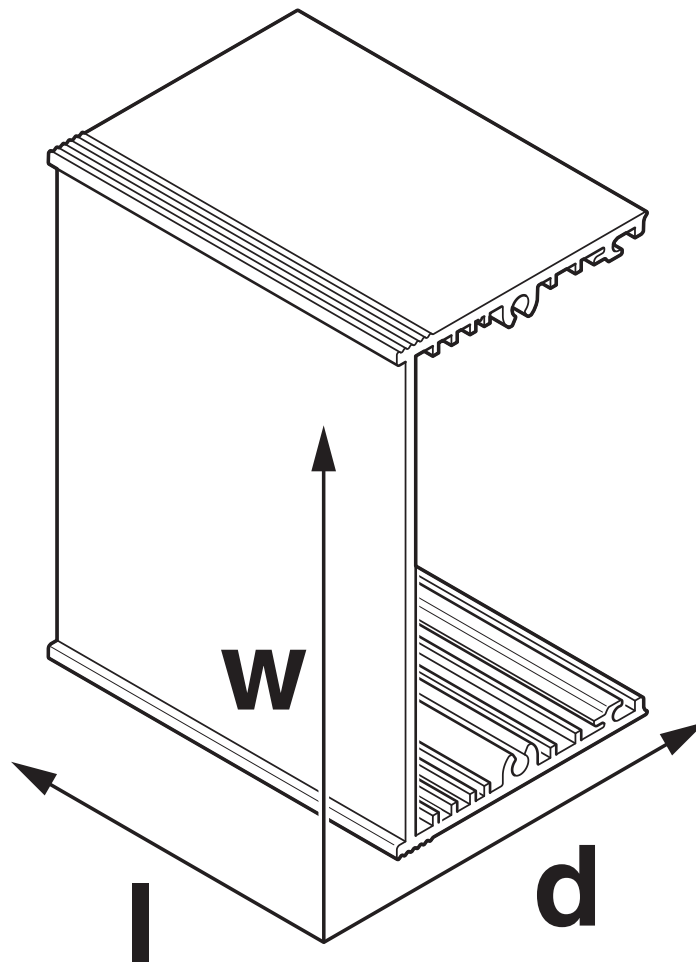
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Schematic diagram



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## Classifications

### ECLASS

ECLASS-13.0	27190603
ECLASS-15.0	27190603

### ETIM

ETIM 9.0	EC002779
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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 USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)