

UM-BASIC PROFILE - Profile



2200149

<https://www.phoenixcontact.com/us/products/2200149>

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Press-drawn section housings, Latching with side elements, latching with foot element, Basic profile, profile length (configurable): 3 cm ... 200 cm, depth: 19.8 mm, Note: required profile length = PCB length - 16.2 mm



Your advantages

- Different base profiles, each with three PCB levels
- Module covers of different geometries can be positioned in any way
- Compatibility with many standard connection technologies
- 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	2200149
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AC17
Product key	ACHDAA
Customs tariff number	39162000
Country of origin	DE

Technical data

Notes

Assembly note	Please observe the application note in the download area.
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Product properties

Product type	Lower housing part
Housing type	Press-drawn section housings
Housing type	Extruded profile housings
Housing series	UM-BASIC
Product family	UM-BASIC
Ventilation openings present	no

Dimensions

Depth	19.8 mm
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PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Color (Housing)	light gray (RAL 7035)
Material	PVC
Flammability rating according to UL 94	V0

Environmental and real-life conditions

Thermal stability / ball thrust test

Specification	IEC 60695-10-2:2014-02
Temperature	50 °C
Test duration	1 h
Force	20 N

Mechanical strength / tumbling barrel

Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
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Ambient conditions

Max. IP code to attain	IP20
Ambient temperature (operation)	-15 °C ... 50 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C ... 50 °C
Ambient temperature (assembly)	-5 °C ... 50 °C
Relative humidity (storage/transport)	95 %

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PCB data

Number of PCB holders	3
Type of PCB mount	Insertion/securing with additional elements
PCB surface	700 mm ² ... 1200 mm ² (per cm profile length)
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Latching with side elements, latching with foot element
Mounting position	parallel to the DIN rail

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2200149>



UL Recognized

Approval ID: E240868

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Classifications

ECLASS

ECLASS-13.0	27190601
ECLASS-15.0	27190601

ETIM

ETIM 10.0	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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