

2201977

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DIN rail housing for use in distribution boards in accordance with DIN 43880, modular upper housing part, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: black (similar RAL 9005)

### Your advantages

- · Coordinated housing and connection system for faster device development
- · Individual online configuration for diverse applications in building automation
- · Variety of connection technology
- · Can be mounted on the DIN rail or the wall
- · With DIN-rail-mountable bus connector and power connector system as an option
- · Tool-free mounting
- Available in overall widths from 1 ... 9 width units (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

#### Commercial data

Item number	2201977
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AC10
Product key	ACHBAB
GTIN	4046356950053
Weight per piece (including packing)	59.26 g
Weight per piece (excluding packing)	33.85 g
Customs tariff number	84879090
Country of origin	DE



Please observe the application note in the download area.

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## Technical data

Assembly note

Product family

Number (Connection openings)

Ventilation openings present

#### Notes

Product p	properties	
Produ	ct type	Upper housing part
Housi	ng type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housi	ng series	BC

BC 161,6..

6

yes

#### Dimensions

Dimensional drawing	h w
Width	161.6 mm
Height	89.7 mm
Depth	54.85 mm
Horizontal pitch	9 Div.
PCB design	
PCB thickness	1.4 mm 1.8 mm
Material specifications	

### Material specifications

Color (Upper housing part)	black (RAL 9005)
Material Upper housing part	PC
Flammability rating according to UL 94	V0
Surface characteristics	untreated

#### Environmental and real-life conditions

#### Vibration test

Specification	IEC 60068-2-6:2007-12
Frequency	10 - 150 - 10 Hz
Sweep speed	1 octave/min
Amplitude	0.15 mm (10 Hz 58.1 Hz)
Acceleration	2g (58.1 Hz 150 Hz)



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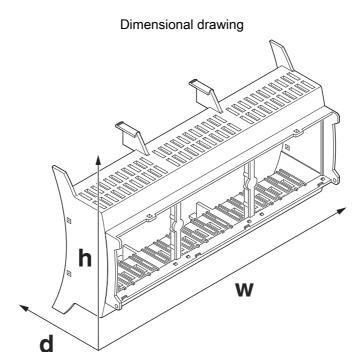
Test duration per axis	2.5 h
Test directions	X-, Y- and Z-axis
Glow-wire test	
Specification	IEC 60695-2-11:2014-02
Temperature	850 °C
Time of exposure	30 s
Mechanical strength / tumbling barrel	
Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm
Frequency	50
Shocks Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Degree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Ambient conditions	
Max. IP code to attain	IP20
Ambient temperature (operation)	-40 °C 105 °C (depending on power dissipation)
Ambient temperature (storage/transport)	-40 °C 70 °C
Ambient temperature (assembly)	-5 °C 100 °C
Relative humidity (storage/transport)	95 %
CB data	
Number of PCB holders	18
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm 1.8 mm
ounting	
Mounting type	Snap in
ackaging specifications	
	pooled in parallegera
Type of packaging  Outer packaging type	packed in cardboard  Carton
	Liorton



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## Drawings



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.



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### **Approvals**

🌣 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2201977



**UL Recognized**Approval ID: E240868



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## Classifications

#### **ECLASS**

	ECLASS-13.0	27190603
	ECLASS-15.0	27190603
ΕΊ	ГІМ	
	ETIM 9.0	EC002779
U	NSPSC	
	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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