

https://www.phoenixcontact.com/in/products/2278500

**PHŒNI** 

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 161.6 mm, height: 89.7 mm, depth: 48.9 mm, color: black (9005), cross connection: DIN rail connector (optional), number of positions cross connector: 16

## 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 one to nine HP (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

## **Commercial Data**

Item number	2278500
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	ACH
Product Key	ACHBAA
Catalog Page	Page 700 (C-1-2013)
GTIN	4046356299497
Weight per Piece (including packing)	89.38 g
Weight per Piece (excluding packing)	82.58 g
Customs tariff number	85389099
Country of origin	DE

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## **Technical Data**

### Notes

Assembly instruction:	Refer to the data sheet for the range in the download area.	
Product properties		
Product type	Lower part of the housing	
Product family	BC UT HBUS	
Туре	Lower housing part with base latch	
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880	
Ventilation openings present	no	
Housing series	BC	

### Dimensions

Dimensional drawing	d d
Width	161.6 mm
Height	89.7 mm
Depth	48.9 mm
Horizontal pitch	9 Div.

## PCB design

PCB thickness	1.4 mm 1.8 mm

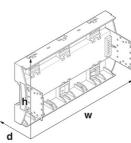
### Material specifications

Color	black (9005)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	< 400
Surface characteristics	untreated
Housing material	Polycarbonate

## Environmental and real-life conditions

Power dissipation single housing for 20 °C		
	Ambient temperature	20 °C
	Reduction factor	1
	Mounting position	vertical
	Power dissipation	16.95 W







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Power dissipation single housing for 30 °C	
Ambient temperature	30 °C
Reduction factor	0.84
Mounting position	vertical
Power dissipation	14.2 W
Power dissipation single housing for 40 °C	
Ambient temperature	40 °C
Reduction factor	0.72
Mounting position	vertical
Power dissipation	12.2 W
Power dissipation single housing for 50 °C	
Ambient temperature	50 °C
Reduction factor	0.6
Mounting position	vertical
Power dissipation	10.2 W
Power discipation single housing for 60 °C	
Power dissipation single housing for 60 °C Ambient temperature	60 °C
Reduction factor	0.48
Mounting position	vertical
Power dissipation	8.1 W
Power dissipation single housing for 70 °C Ambient temperature	70 °C
Reduction factor	0.38
Mounting position	vertical
Power dissipation	6.4 W
/ibration 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)
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
Aechanical strength / tumbling barrel	
Specification	IEC 60068-2-31:2008-05
Height of fall	50 cm



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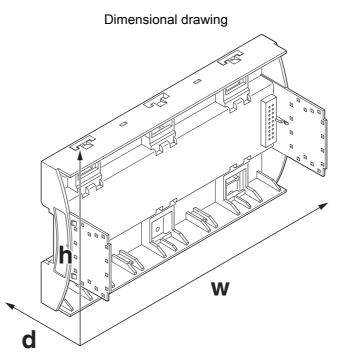
-	
Frequency	50
Shocks	
Specification	IEC 60068-2-27:2008-02
Pulse shape	Half-sine
Acceleration	15g
Shock duration	11 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Degree of protection (IP code)	
Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Ambient 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 %
B data	
Number of PCB holders	9
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm 1.8 mm
ounting	
Mounting type	DIN rail mounting/wall mounting
Mounting position	Vertical (horizontal DIN rail)
ckaging specifications	
Type of packaging	packed in cardboard
Outer packaging type	Carton



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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



EAC Approval ID: B.01687



UL Recognized Approval ID: FILE E 240868

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## Classifications

### ECLASS

	ECLASS-11.0	27182702
ETIM		
	ETIM 8.0	EC001031
UNSPSC		
	UNSPSC 21.0	31261500

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## **PHŒNIX** CONTACT

## **Environmental Product Compliance**

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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## Mandatory Accessories

### BC 161,6 OT U11 KMGY - Upper part of housing

2278513 https://www.phoenixcontact.com/in/products/2278513



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U11) with vents, Installation depth connection technology: 11.1 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light grey (7035)

### BC 161,6 OT U22 KMGY - Upper part of housing

#### 2278526

https://www.phoenixcontact.com/in/products/2278526



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U22) with vents, Installation depth connection technology: 22.35 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light grey (7035)

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### BC 161,6 OT U11 BK - Upper part of housing

2202833

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U11) with vents, Installation depth connection technology: 11.1 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: black (9005)

### BC 161,6 OT U22 BK - Upper part of housing

2201665 https://www.phoenixcontact.com/in/products/2201665



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U22) with vents, Installation depth connection technology: 22.35 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: black (9005)

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## **PHŒNIX** CONTACT

## BC 161,6 OT 111112 BK - Upper part of housing

2201977

https://www.phoenixcontact.com/in/products/2201977



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 (9005)

## BC 161,6 OT 222121 BK - Upper part of housing

1046793 https://www.phoenixcontact.com/in/products/1046793



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## BC 161,6 OT 111122 KMGY - Upper part of housing

### 2201919

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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: light grey (7035)

## BC 161,6 OT 012122 KMGY - Upper part of housing

2203722

https://www.phoenixcontact.com/in/products/2203722





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## BC 161,6 OT 000020 KMGY - Upper part of housing

#### 2201450

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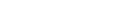
DIN rail housing for use in distribution boards in accordance with DIN 43880, modular upper housing part, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light grey (7035)

## BC 161,6 OT 110021 KMGY - Upper part of housing

1208340

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## BC 161,6 OT 001101 KMGY - Upper part of housing

### 2202284

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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: light grey (7035)

## BC 161,6 OT 111112 KMGY - Upper part of housing

#### 2202638

https://www.phoenixcontact.com/in/products/2202638



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: light grey (7035)



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## BC 161,6 OT 112111 KMGY - Upper part of housing

### 1255434

https://www.phoenixcontact.com/in/products/1255434



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: light grey (7035)

### BC 161,6 OT 000022 KMGY - Upper part of housing

2201454

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## BC 161,6 OT 100202 KMGY - Upper part of housing

#### 2201976

https://www.phoenixcontact.com/in/products/2201976



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: light grey (7035)

## BC 161,6 OT 111121 KMGY - Upper part of housing

2201982

https://www.phoenixcontact.com/in/products/2201982



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## BC 161,6 OT 111101 KMGY - Upper part of housing

### 2203095

https://www.phoenixcontact.com/in/products/2203095



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: light grey (7035)

## BC 161,6 OT 212121 KMGY - Upper part of housing

2201869

https://www.phoenixcontact.com/in/products/2201869



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: light grey (7035)

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## BC 161,6 OT 112122 KMGY - Upper part of housing

#### 2201881

https://www.phoenixcontact.com/in/products/2201881



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: light grey (7035)

## BC 161,6 OT 210021 KMGY - Upper part of housing

2201984

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## **PHŒNIX** CONTACT

## BC 161,6 OT U11 BK VPE80 - Upper part of housing

### 1006944

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part (U11) with vents, Installation depth connection technology: 11.1 mm, width: 161.6 mm, height: 89.7 mm, depth: 54.85 mm, color: black (9005)

## BC 161,6 OT 212122 KMGY VPE80 - Upper part of housing

1015337

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## BC 161,6 OT 0C20C20C2 KMGY - Upper part of housing

### 1218565

https://www.phoenixcontact.com/in/products/1218565



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: light grey (7035)

## BC 161,6 OT 002000 KMGY - Upper part of housing

2201451

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## BC 161,6 OT 0C20C20C2 WH - Upper part of housing

### 1252986

https://www.phoenixcontact.com/in/products/1252986



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: white (9016)

### BC 161,6 OT 000C0C22 KMGY - Upper part of housing

2201678

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## BC 161,6 OT 121222 KMGY MOQ100 - Upper part of housing

### 2202355

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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: light grey (7035)

## BC 161,6 OT 110212 KMGY MOQ100 - Upper part of housing

1153038

https://www.phoenixcontact.com/in/products/1153038



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: light grey (7035)

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## BC 161,6 OT 121222 BK VPE80 - Upper part of housing

### 1059320

https://www.phoenixcontact.com/in/products/1059320



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 (9005)

## BC 161,6 OT 102222 KMGY MOQ100 - Upper part of housing

2202202

https://www.phoenixcontact.com/in/products/2202202



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: light grey (7035)

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## BC 161,6 OT 001112 KMGY MOQ100 - Upper part of housing

### 2202287

https://www.phoenixcontact.com/in/products/2202287



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: light grey (7035)

## BC 161,6 OT 221111 KMGY MOQ100 - Upper part of housing

2202300

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## BC 161,6 OT 110202 KMGY VPE80 - Upper part of housing

### 1080949

https://www.phoenixcontact.com/in/products/1080949



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: light grey (7035)

## BC 161,6 OT 101111 KMGY MOQ100 - Upper part of housing

2202201

https://www.phoenixcontact.com/in/products/2202201



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: light grey (7035)

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## BC 161,6 OT 020001 KMGY MOQ100 - Upper part of housing

### 2202224

https://www.phoenixcontact.com/in/products/2202224



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: light grey (7035)

## BC 161,6 OT 000C020 KMGYMOQ100 - Upper part of housing

2202372

https://www.phoenixcontact.com/in/products/2202372



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## BC 161,6 OT 202220 KMGY VPE80 - Upper part of housing

### 1074661

https://www.phoenixcontact.com/in/products/1074661



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: light grey (7035)

## BC 161,6 OT 101100 KMGY VPE80 - Upper part of housing

2202324

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## BC 161,6 OT 220222 KMGY MOQ100 - Upper part of housing

### 1126202

https://www.phoenixcontact.com/in/products/1126202



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: light grey (7035)

### BC 161,6 OT 0C0C0C0C22 KMGY - Upper part of housing

2201455

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## BC 161,6 OT 000000 KMGY MOQ100 - Upper part of housing

### 2202926

https://www.phoenixcontact.com/in/products/2202926



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: light grey (7035)

## BC 161,6 OT 112122 KMGY MOQ100 - Upper part of housing

2202326

https://www.phoenixcontact.com/in/products/2202326



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: light grey (7035)

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## BC 161,6 OT 1C1C2C2C1C1C KMGY - Upper part of housing

### 1096568

https://www.phoenixcontact.com/in/products/1096568



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: light grey (7035)

### BC 161,6 OT 120202 KMGY MOQ100 - Upper part of housing

1087950

https://www.phoenixcontact.com/in/products/1087950



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: light grey (7035)

Accessories

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## FUSSRIEGEL 14,4 L30 SPERR OG - Base latch

#### 2896998

https://www.phoenixcontact.com/in/products/2896998



DIN rail housing for use in distribution boards in accordance with DIN 43880, Base latch, width: 14.4 mm, height: 29.8 mm, depth: 5.9 mm, color: orange (2003)

### HBUS 161,6-16P-1S BK - DIN rail bus connectors

2278555

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DIN rail connector, color: black, nominal current: 3 A (Total current of 25 A max.), rated voltage (III/2): 30 V, number of positions: 16, pitch: 2.54 mm, mounting: DIN rail mounting, locking: without



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PSTD 0,65X0,65/9-2,54 - Pin strip

2200700

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Pin strip, color: black, type of contact: Pin, number of potentials: 18, number of rows: 2, number of positions: 18, number of connections: 18, product range: PSTD 0,65X0,65/..-V, pitch: 2.54 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.5 mm, locking: without, type of packaging: packed in cardboard

### HBUS8 161,6-8P-1S BK - DIN rail bus connectors

1249066

https://www.phoenixcontact.com/in/products/1249066



DIN rail connector, color: black, nominal current: 3 A (per contact), rated voltage (III/2): 100 V, number of positions: 8, pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

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