

BC 35,6 UT HBUS KMGY - Mounting base housing



1227343

<https://www.phoenixcontact.com/in/products/1227343>

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 35.6 mm, height: 89.7 mm, depth: 48.9 mm, color: light gray (similar RAL 7035), 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 1 ... 9 width units (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

Commercial data

Item number	1227343
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	ACHBAA
GTIN	4063151491307
Weight per piece (including packing)	27.83 g
Weight per piece (excluding packing)	27 g
Customs tariff number	84879090
Country of origin	DE

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Technical data

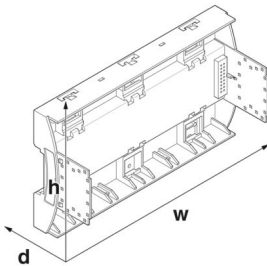
Notes

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

Product type	Enclosure bottom part
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Product family	BC 53,6..
Max. number of positions	0)
Type	Lower housing part with base latch
Ventilation openings present	no

Dimensions

Dimensional drawing	
Width	35.6 mm
Height	89.7 mm
Depth	48.9 mm
Horizontal pitch	2 Div.

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
CTI according to IEC 60112	< 400
Housing material	PC
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

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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

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.)

Test for substances that would hinder coating with paint or varnish

Specification	VDMA 24364:2018-05
Result	Test passed

Degree of protection (IP code)

Specification	IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08
Result, degree of protection, IP code	IP20

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 %

PCB data

Number of PCB holders	9
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	DIN rail mounting/panel mounting
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Packaging specifications

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Type of packaging	packed in cardboard
Outer packaging type	Carton

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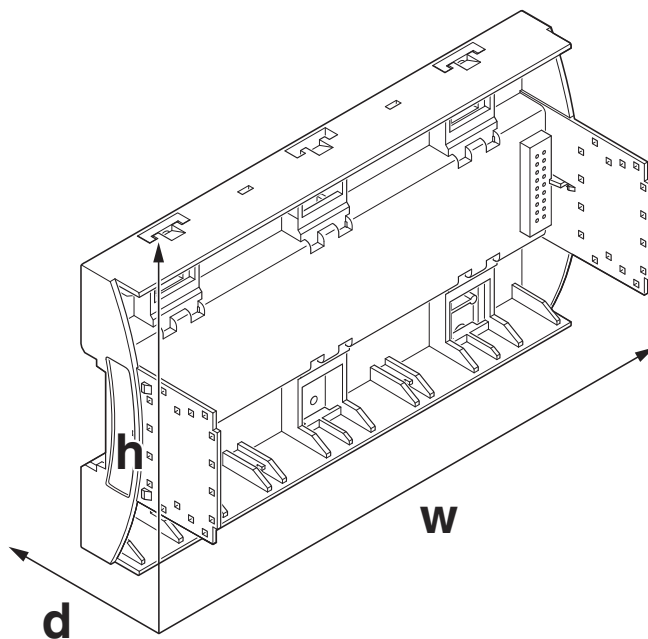
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Drawings

Dimensional drawing



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/in/products/1227343>



UL Recognized

Approval ID: E240868

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190601

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
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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Mandatory accessories

BC 35,6 OT U22 BK - Upper housing part

1227303

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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: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light gray (similar RAL 7035)

BC 35,6 OT U11 BK - Upper housing part

2200777

<https://www.phoenixcontact.com/in/products/2200777>



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: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: black (similar RAL 9005)

BC 35,6 UT HBUS KMGY - Mounting base housing



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BC 35,6 OT U11 KMGY - Upper housing part

2896034

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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: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light gray (similar RAL 7035)

BC 35,6 OT U22 KMGY - Upper housing part

2896047

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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: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light gray (similar RAL 7035)

Accessories

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BC 35,6 DKL R BK - Housing cover

2200776

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 35.6 mm, height: 45 mm, depth: 8 mm, color: black (similar RAL 9005)

BC 35,6 DKL S TRANS - Housing cover

2896115

<https://www.phoenixcontact.com/in/products/2896115>



DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, including insertion plate, width: 35.6 mm, height: 45 mm, depth: 8 mm, color: light gray (similar RAL 7035)

BC 35,6 UT HBUS KMGY - Mounting base housing

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BC 35,6 DKL R KMGY - Housing cover

2896157

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DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 35.6 mm, height: 45 mm, depth: 8 mm, color: light gray (similar RAL 7035)



HBUS8 35,6-8P-1S BK - DIN rail bus connectors

1249063

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DIN rail connector, color: black, nominal current: 3 A (per contact), rated voltage (III/2): 100 V, number of potentials: 8, number of positions: 8, product range: BC 35,6.., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without



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HBUS 35,6-16P-2S BK - DIN rail bus connectors

2896319

<https://www.phoenixcontact.com/in/products/2896319>



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, product range: BC 35,6..., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

HBUS 35,6-16P-1S BK - DIN rail bus connectors

2896283

<https://www.phoenixcontact.com/in/products/2896283>



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, product range: BC 35,6..., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

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HBUS8-B SET BK - Protective cap

1252176

<https://www.phoenixcontact.com/in/products/1252176>



Set of 3 caps, for protecting unused DIN rail bus connectors, simply snap on to fit

HBUS-B SET BK - Protective cap

2278173

<https://www.phoenixcontact.com/in/products/2278173>



Set of 3 caps, for protecting unused DIN rail bus connectors, simply snap on to fit

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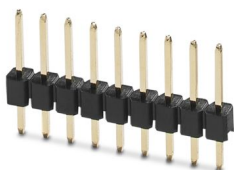
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PSTD 0,65X0,65/9-1-2,54 - Pin strip

1252180

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Pin strip, color: black, nominal current: 3 A (per contact), rated voltage (III/2): 100 V, contact connection type: Pin, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, product range: PSTD 0,65X0,65/...-1-V, pitch: 2.54 mm, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 6.3 mm, locking: without, type of packaging: packed in cardboard

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

2200700

<https://www.phoenixcontact.com/in/products/2200700>



Pin strip, color: black, contact connection type: 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

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PSTD 0,65X0,65/9-3IS-2,54 - Pin strip

1252178

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Pin strip, color: black, nominal current: 3 A (per contact), rated voltage (III/2): 100 V, contact connection type: Pin, number of potentials: 9, number of rows: 1, number of positions: 9, number of connections: 9, 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

PSTD 0,65X0,65/18-3IS-2,54 - Pin strip

2202993

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Pin strip for connecting an additional PCB or PCB with hole pattern to the HBUS

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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 (similar RAL 2003)

BC 35,6 PLATE KMGY - Insertion plate

2200712

<https://www.phoenixcontact.com/in/products/2200712>



DIN rail housing for use in distribution boards in accordance with DIN 43880, Insertion plate, width: 32.3 mm, height: 41.75 mm, depth: 1.5 mm, color: light gray (similar RAL 7035)

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