BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

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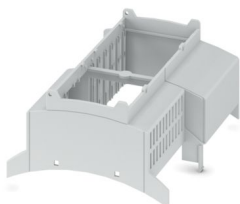
DIN rail housing for use in distribution boards in accordance with DIN 43880, modular upper housing part, width: 107.6 mm, height: 89.7 mm, depth: 54.85 mm, color: light gray (similar RAL 7035)

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	1646761
Packing unit	10 pc
Minimum order quantity	500 pc
Product key	ACHBAB
GTIN	4067923181526
Weight per piece (including packing)	50.89 g
Weight per piece (excluding packing)	52 g
Country of origin	PL

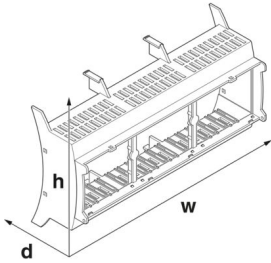# BC 107,6 OT 1120C KMGY - Upper housing part

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Technical data

Notes

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

Product properties

Product type	Upper housing part
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Housing series	BC
Product family	BC 107,6..
Max. number of positions	64 (pitch: 2.5 mm)
	48 (pitch: 3.5 mm)
	40 (pitch: 5 mm)
	24 (pitch: 7.5 mm)
Type	modular upper housing part
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	107.6 mm
Height	89.7 mm
Depth	54.85 mm
Horizontal pitch	6 Div.

PCB design	
PCB thickness	1.4 mm ... 1.8 mm

Material specifications

Color (Housing)	light gray (RAL 7035)
Flammability rating according to UL 94	V0
Housing material	PC
Surface characteristics	untreated

Environmental and real-life conditions

Ambient conditions	
Max. IP code to attain	IP20

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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	12
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Snap in

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

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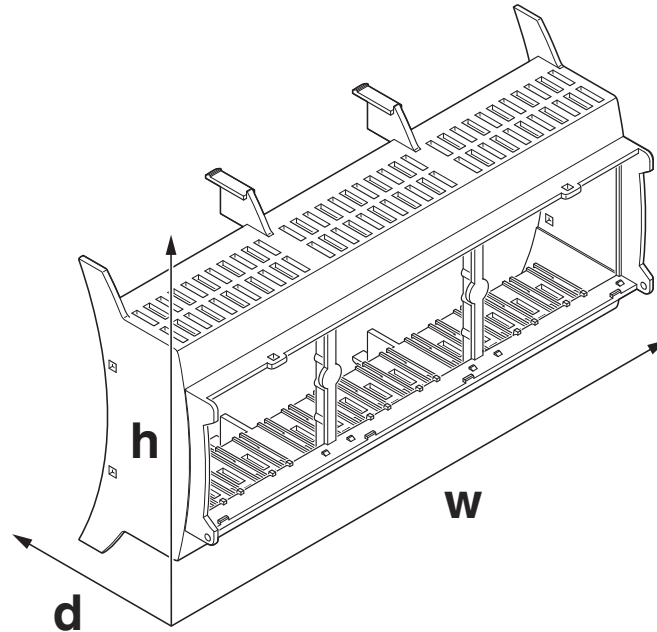https://www.phoenixcontact.com/in/products/1646761

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.

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/in/products/1646761

UL Recognized
Approval ID: E240868

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC002779

BC 107,6 OT 1120C KMGY - Upper housing part

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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

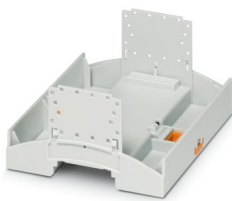|	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

BC 107,6 OT 1120C KMGY - Upper housing part

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Mandatory accessories

BC 107,6 UT HBUS KMGY - Mounting base housing

2202951

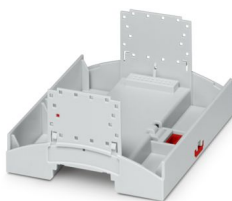https://www.phoenixcontact.com/in/products/2202951

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 107.6 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

BC 107,6 UT HBUS KMGY/RD - Mounting base housing

2203517

https://www.phoenixcontact.com/in/products/2203517

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 107.6 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
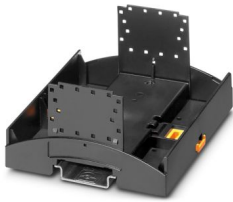
BC 107,6 OT 1120C KMGY - Upper housing part

1646761

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BC 107,6 UT HBUS FS BK VPE80 - Mounting base housing

1006953

https://www.phoenixcontact.com/in/products/1006953

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 107.6 mm, height: 89.7 mm, depth: 48.9 mm, color: black (similar RAL 9005), cross connection: DIN rail connector (optional), number of positions cross connector: 16

BC 107,6 UT HBUS GY7021 - Mounting base housing

1385674

https://www.phoenixcontact.com/in/products/1385674

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part with base latch, width: 107.6 mm, height: 89.7 mm, depth: 48.9 mm, color: black gray (similar RAL 7021), cross connection: DIN rail connector (optional), number of positions cross connector: 16
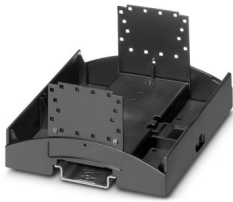
BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 UT HBUS GY W/ORG CLP - Mounting base housing

1749649
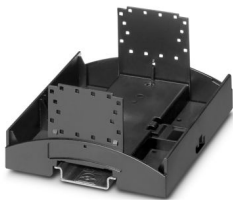
https://www.phoenixcontact.com/in/products/1749649

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part without base latch, width: 107.6 mm, height: 89.7 mm, depth: 48.9 mm, color: gray (similar RAL 7042), cross connection: DIN rail connector (optional), number of positions cross connector: 16

BC 107,6 UT HBUS BK W/ORG CLP - Mounting base housing

2203815

https://www.phoenixcontact.com/in/products/2203815

DIN rail housing for use in distribution boards in accordance with DIN 43880, Lower housing part without base latch, width: 107.6 mm, height: 89.7 mm, depth: 48.9 mm, color: black (similar RAL 9005), cross connection: DIN rail connector (optional), number of positions cross connector: 16
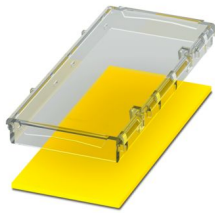
BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 DKL S TRANS/YE - Housing cover

1163754

https://www.phoenixcontact.com/in/products/1163754

DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, including insertion plate, width: 107.6 mm, height: 45 mm, depth: 8 mm, color: yellow (similar RAL 1018)

BC 107,6 DKL R D2,4 TCG KMGY - Housing cover with touch display

1335858

https://www.phoenixcontact.com/in/products/1335858

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), integrated capacitive 2.4" touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 DKL R D2,4 KPG KMGY - Housing cover with touch display

1335860

https://www.phoenixcontact.com/in/products/1335860

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), integrated capacitive 2.4" touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm

BC 107,6 DKL R D2,4 TCG BK - Housing cover with touch display

1335861

https://www.phoenixcontact.com/in/products/1335861

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), integrated capacitive 2.4" touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 DKL R D2,4 TCG KMGY VPE1 - Housing cover with touch display

1335865

https://www.phoenixcontact.com/in/products/1335865

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), integrated capacitive 2.4" touch display, resolution: 320 x 240 Pixel(s), interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm

BC 107,6 DKL R D2,4 KPG BK - Housing cover with touch display

1684628

https://www.phoenixcontact.com/in/products/1684628

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), integrated capacitive 2.4" touch display, interface: 4-wire SPI, width: 107.6 mm, height: 45 mm, depth: 13.5 mm

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 DKL S KMGY - Housing cover

2200046

https://www.phoenixcontact.com/in/products/2200046

DIN rail housing for use in distribution boards in accordance with DIN 43880, Hinged cover, can be sealed, width: 107.6 mm, height: 45 mm, depth: 8 mm, color: light gray (similar RAL 7035)

BC 107,6 DKL R BK - Housing cover

2200722

https://www.phoenixcontact.com/in/products/2200722

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 107.6 mm, height: 45 mm, depth: 8 mm, color: black (similar RAL 9005)

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

BC 107,6 DKL S TRANS WOP - Housing cover

2202968

https://www.phoenixcontact.com/in/products/2202968

DIN rail housing for use in distribution boards in accordance with DIN 43880, transparent hinged cover, can be sealed, without insertion plate, width: 107.6 mm, height: 45 mm, depth: 8 mm, color: transparent

BC 107,6 DKL R KMGY - Housing cover

2896173

https://www.phoenixcontact.com/in/products/2896173

DIN rail housing for use in distribution boards in accordance with DIN 43880, Latching cover (non-detachable), width: 107.6 mm, height: 45 mm, depth: 8 mm, color: light gray (similar RAL 7035)

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

HBUS8 107,6-8P-1S BK - DIN rail bus connectors

1252173

https://www.phoenixcontact.com/in/products/1252173

DIN rail connector, color: black, nominal current: 3 A (per contact), rated voltage (III/2): 100 V, number of positions: 8, product range: BC 107,6.., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

HBUS 107,6-16P-1S BK - DIN rail bus connectors

2896306

https://www.phoenixcontact.com/in/products/2896306

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 107,6.., pitch: 2.54 mm, mounting: DIN rail mounting, locking: without

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

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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

BC 107,6 OT 1120C KMGY - Upper housing part

1646761
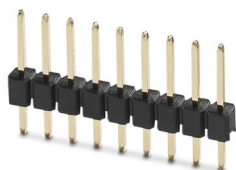
https://www.phoenixcontact.com/in/products/1646761

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

1252180

https://www.phoenixcontact.com/in/products/1252180

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

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

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

1252178

https://www.phoenixcontact.com/in/products/1252178

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

https://www.phoenixcontact.com/in/products/2202993

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

BC 107,6 OT 1120C KMGY - Upper housing part

1646761

https://www.phoenixcontact.com/in/products/1646761

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)

KP BC K4 C2 P5 - Membrane keypad

1337341

https://www.phoenixcontact.com/in/products/1337341

Membrane keypad for BC 107,6 and BC 161,6, self-adhesive, conductive silver technology, 4 keys, 2 colors, 7-pos. terminal lug, pitch: 1.0 mm, customizable in the online configurator

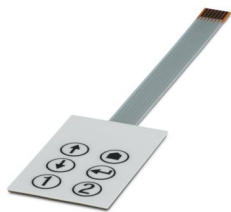# BC 107,6 OT 1120C KMGY - Upper housing part

KP BC K6 C2 P7 - Membrane keypad

Membrane keypad for BC 107,6 and BC 161,6, self-adhesive, conductive silver technology, 6 keys, 2 colors, 7-pos. terminal lug, pitch: 1.0 mm, customizable in the online configurator