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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: 53.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light grey (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 one to nine HP (17.8 mm ... 161.6 mm)
- Compliant with DIN EN 43880

Commercial data

Item number	2896429
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	ACHBAB
Catalog page	Page 699 (C-1-2013)
GTIN	4046356103206
Weight per piece (including packing)	23.55 g
Weight per piece (excluding packing)	23.39 g
Customs tariff number	84879090
Country of origin	DE

Technical data

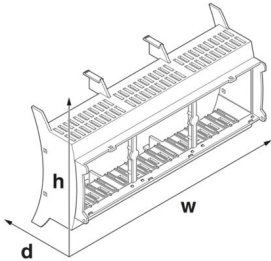
Notes

General	Refer to the data sheet for the range in the download area.
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Product properties

Product type	Upper housing part
Product family	BC 53,6
Housing series	BC
Max. number of positions	32 (pitch: 2.5 mm) 24 (pitch: 3.5 mm) 20 (pitch: 5 mm) 12 (pitch: 7.5 mm)
Type	Upper housing part (U22) with vents
Housing type	DIN rail housing for use in distribution boards in accordance with DIN 43880
Ventilation openings present	yes

Dimensions

Dimensional drawing	
Width	53.6 mm
Height	89.7 mm
Depth	49.78 mm
Horizontal pitch	3 Div.

PCB design

PCB thickness	1.4 mm ... 1.8 mm
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Material specifications

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

Environmental and real-life conditions

Vibration test

Specification	IEC 60068-2-6:2007-12
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BC 53,6 OT U22 KMGY - Upper housing part



2896429

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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

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
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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	6
Type of PCB mount	Latching
Thickness of the PCB	1.4 mm ... 1.8 mm

Mounting

Mounting type	Snap in
Mounting position	Vertical (horizontal DIN rail)

Packaging specifications

Type of packaging	packed in cardboard
Outer packaging type	Carton

BC 53,6 OT U22 KMGY - Upper housing part

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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.

BC 53,6 OT U22 KMGY - Upper housing part

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/2896429>



UL Recognized

Approval ID: FILE E 240868

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2896429

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Classifications

ECLASS

ECLASS-11.0	27182702
ECLASS-13.0	27190603

ETIM

ETIM 9.0	EC001031
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UNSPSC

UNSPSC 21.0	31261500
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BC 53,6 OT U22 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%

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