

Mounting base housing - BC 35,6 UT HBUS BK - 2896254

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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, cross connection: DIN rail connector (optional), number of positions cross connector: 16, color: black (9005)

Your advantages

- ✔ Item is from the BC product range
- ✔ Conforms to DIN EN 43880
- ✔ Tool-free mounting
- ✔ Available in overall widths from one to nine width units (17.8 mm ... 161.6 mm)
- ✔ Inflammability class V0 according to UL 94
- ✔ Variety of connection technologies
- ✔ Can be mounted on the DIN rail or the wall
- ✔ Optional with bus connector for DIN rail mounting



Key Commercial Data

| | |
|--------------|---------------|
| Packing unit | 10 pc |
| GTIN | |
| GTIN | 4046356096706 |

Technical data

Item properties

| | |
|---------------------------|--|
| Brief article description | Mounting base housing |
| Type | BC 35,6 UT HBUS BK |
| Order No. | 2896254 |
| Housing type | DIN rail housing for use in distribution boards in accordance with DIN 43880 |
| Housing series | BC |
| Type | Lower housing part with base latch |
| Max. IP code to attain | IP20 |
| Mounting type | DIN rail mounting/wall mounting |

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Technical data

Item properties

| | |
|------------------------------|----|
| Ventilation openings present | no |
|------------------------------|----|

Dimensions

| | |
|--------------|---------|
| Width [w] | 35.6 mm |
| Height [h] | 89.7 mm |
| Depth [d] | 48.9 mm |

Material data

| | |
|--|---------------|
| Housing material | Polycarbonate |
| Color (RAL) | black (9005) |
| Flammability rating according to UL 94 | V0 |

Ambient conditions

| | |
|---|--|
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Ambient temperature (operation) | -40 °C ... 100 °C (depending on power dissipation) |
| Relative humidity (storage/transport) | 95 % |

PCB data

| | |
|-----------------------|--------------------------|
| Number of PCB holders | 9 |
| PCB thickness | 1.4 mm ... 1.8 mm |
| Mounting position | parallel to the DIN rail |
| Type of PCB mount | Latching |

Power dissipation, single housing at 20 °C

| | |
|---------------------|----------|
| Ambient temperature | 20 °C |
| Reduction factor | 1 |
| Mounting position | vertical |
| Power dissipation | 4.78 W |

Power dissipation, single housing at 30 °C

| | |
|---------------------|----------|
| Ambient temperature | 30 °C |
| Reduction factor | 0.84 |
| Mounting position | vertical |
| Power dissipation | 4 W |

Power dissipation, single housing at 40 °C

| | |
|---------------------|----------|
| Ambient temperature | 40 °C |
| Reduction factor | 0.72 |
| Mounting position | vertical |
| Power dissipation | 3.44 W |

Power dissipation, single housing at 50 °C

| | |
|---------------------|-------|
| Ambient temperature | 50 °C |
| Reduction factor | 0.6 |

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Technical data

Power dissipation, single housing at 50 °C

| | |
|-------------------|----------|
| Mounting position | vertical |
| Power dissipation | 2.85 W |

Power dissipation, single housing at 60 °C

| | |
|---------------------|----------|
| Ambient temperature | 60 °C |
| Reduction factor | 0.48 |
| Mounting position | vertical |
| Power dissipation | 2.3 W |

Mechanical strength/tumbling barrel

| | |
|-----------------------|------------------------|
| Specification | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm |
| Number of drop cycles | 50 |

Vibration test

| | |
|------------------------|------------------------|
| Specification | IEC 60068-2-6:2007-12 |
| Frequency | 10 - 150 - 10 Hz |
| Sweep speed | 1 octave/min |
| Amplitude | 0.15 mm (10 - 58.1 Hz) |
| Acceleration | 2g (58.1 - 150 Hz) |
| Test duration per axis | 2.5 h |
| Test directions | X-, Y- and Z-axis |

Shock

| | |
|--------------------------------|-----------------------------------|
| 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 assessing the risk of fire (glow wire)

| | |
|------------------|---|
| Specification | DIN EN 60695-2-11 (VDE 0471-2-11):2014-11 |
| Temperature | 850 °C |
| Time of exposure | 30 s |

Degrees of protection provided by housings (IP code)

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

General information

| | |
|--------------|---|
| Type of note | Assembly instruction: |
| Note | Refer to the data sheet for the range in the download area. |

Packaging information

Mounting base housing - BC 35,6 UT HBUS BK - 2896254

Technical data

Packaging information

| | |
|----------------------------|---------------------|
| Type of packaging | packed in cardboard |
| Pieces per package | 10 |
| Denomination packing units | Pcs. |
| Outer packaging type | Carton |

Standards and regulations

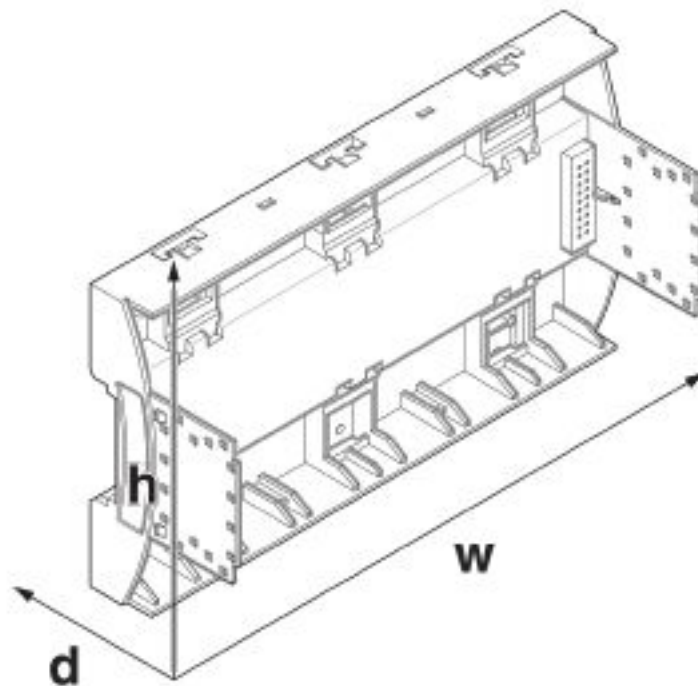
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

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

Drawings

Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| eCl@ss 4.0 | 27180400 |
| eCl@ss 4.1 | 27180400 |
| eCl@ss 5.0 | 27180500 |
| eCl@ss 5.1 | 27180500 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 6.0 | 27180800 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27182702 |
| eCl@ss 9.0 | 27182702 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001031 |
| ETIM 3.0 | EC001031 |
| ETIM 4.0 | EC000886 |
| ETIM 5.0 | EC001031 |
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11 | 31261501 |
| UNSPSC 12.01 | 31261501 |
| UNSPSC 13.2 | 31261501 |
| UNSPSC 18.0 | 31261501 |
| UNSPSC 19.0 | 31261501 |
| UNSPSC 20.0 | 31261501 |
| UNSPSC 21.0 | 31261501 |

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|--|---------|
| EAC | | B.01687 |
|-----|--|---------|

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Accessories

Accessories

Mounting material

Base latch - FUSSRIEGEL 14,4 L30 SPERR OG - 2896998



Component housing, Base latch, width: 14.4 mm, height: 29.8 mm, depth: 5.9 mm, color: orange (2003)

Necessary add-on products

Upper part of housing - BC 35,6 OT U11 KMGY - 2896034



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part with vents, Installation depth connection technology: 11.1 mm, width: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light gray (7035)

Upper part of housing - BC 35,6 OT U22 KMGY - 2896047



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part with vents, Installation depth connection technology: 22.35 mm, width: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: light gray (7035)

Upper part of housing - BC 35,6 OT U11 BK - 2200777



DIN rail housing for use in distribution boards in accordance with DIN 43880, Upper housing part with vents, Installation depth connection technology: 11.1 mm, width: 35.6 mm, height: 89.7 mm, depth: 49.78 mm, color: black (9005)

DIN rail bus connectors - HBUS 35,6-16P-1S BK - 2896283



DIN rail connector, number of positions: 16, pitch: 2.54 mm, color: jet black

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Accessories

Pin strip - PSTD 0,65X0,65/9-2,54 - 2200700



Pin strip, number of positions: 18, pitch: 2.54 mm

Additional products

DIN rail bus connectors - HBUS 35,6-16P-1S BK - 2896283



DIN rail connector, number of positions: 16, pitch: 2.54 mm, color: jet black

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