

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

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DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 35.2 mm, height: 99 mm, depth: 107.3 mm, cross connection: integrated bus connector, number of positions cross connector: 10+2, color: light gray (7035)

Your advantages

- ✓ Item is from the ME product range
- ✓ Tool-free mounting
- ✓ Available in overall widths from 12.5 mm to 90 mm, modular extension is possible
- ✓ Inflammability class V0 according to UL 94
- ✓ Variety of connection technologies
- ✓ Can be mounted on the DIN rail
- ✓ Optional bus connector that is either integrated or mounted on the DIN rail



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 10 pc |
| GTIN |  4 046356 993296 |
| GTIN | 4046356993296 |

Technical data

Item properties

| | |
|------------------------------|---|
| Brief article description | Mounting base housing |
| Type | ME 35 UT/FE BUS/10+2 KMGY |
| Order No. | 2201860 |
| Housing type | DIN rail housing |
| Type | Lower housing part with metal foot catch, tall design |
| Max. IP code to attain | IP20 |
| Mounting type | DIN rail mounting |
| Ventilation openings present | yes |

Dimensions

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Technical data

Dimensions

| | |
|--|----------|
| Width [w] | 35.2 mm |
| Height [h] | 99 mm |
| Depth [d] | 107.3 mm |
| Depth from top edge of DIN rail [d] | 99.8 mm |
| Depth from top edge of DIN rail to support point on upper part [d] | 68.5 mm |

Material data

| | |
|--|-------------------|
| Color (RAL) | light gray (7035) |
| Flammability rating according to UL 94 | V0 |
| Housing material | Polyamide |

Ambient conditions

| | |
|---|--|
| Ambient temperature (storage/transport) | -40 °C ... 55 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |
| Ambient temperature (operation) | -40 °C ... 105 °C (depending on power dissipation) |
| Relative humidity (storage/transport) | 80 % |

PCB data

| | |
|-----------------------|--------------------------------|
| Number of PCB holders | 2 |
| PCB thickness | 1.4 mm ... 1.8 mm |
| Mounting position | Vertical (horizontal 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 | 7.9 W |

Power dissipation, single housing at 30 °C

| | |
|---------------------|----------|
| Ambient temperature | 30 °C |
| Reduction factor | 0.91 |
| Mounting position | vertical |
| Power dissipation | 7.2 W |

Power dissipation, single housing at 40 °C

| | |
|---------------------|----------|
| Ambient temperature | 40 °C |
| Reduction factor | 0.81 |
| Mounting position | vertical |
| Power dissipation | 6.4 W |

Power dissipation, single housing at 50 °C

| | |
|---------------------|----------|
| Ambient temperature | 50 °C |
| Reduction factor | 0.7 |
| Mounting position | vertical |

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Technical data

Power dissipation, single housing at 50 °C

| | |
|-------------------|-------|
| Power dissipation | 5.5 W |
|-------------------|-------|

Power dissipation, single housing at 60 °C

| | |
|---------------------|----------|
| Ambient temperature | 60 °C |
| Reduction factor | 0.57 |
| Mounting position | vertical |
| Power dissipation | 4.5 W |

Mechanical strength/tumbling barrel

| | |
|-----------------------|---------------------|
| Specification | IEC 60998-1:2002-12 |
| Height of fall | 50 cm |
| Number of drop cycles | 10 |

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.) |

Thermostability (Ball Thrust Test)

| | |
|---------------|------------------------|
| Specification | IEC 60695-10-2:2014-02 |
| Temperature | 125 °C |
| Test duration | 1 h |
| Force | 20 N |

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 |

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Technical data

General information

| | |
|--------------|---|
| Type of note | Assembly instruction: |
| Note | Refer to the data sheet for the range in the download area. |
| Type of note | Recommendation |
| Note | Material of contact pads for bus connector, galvanic gold (hard gold) |

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 |
|--|----|

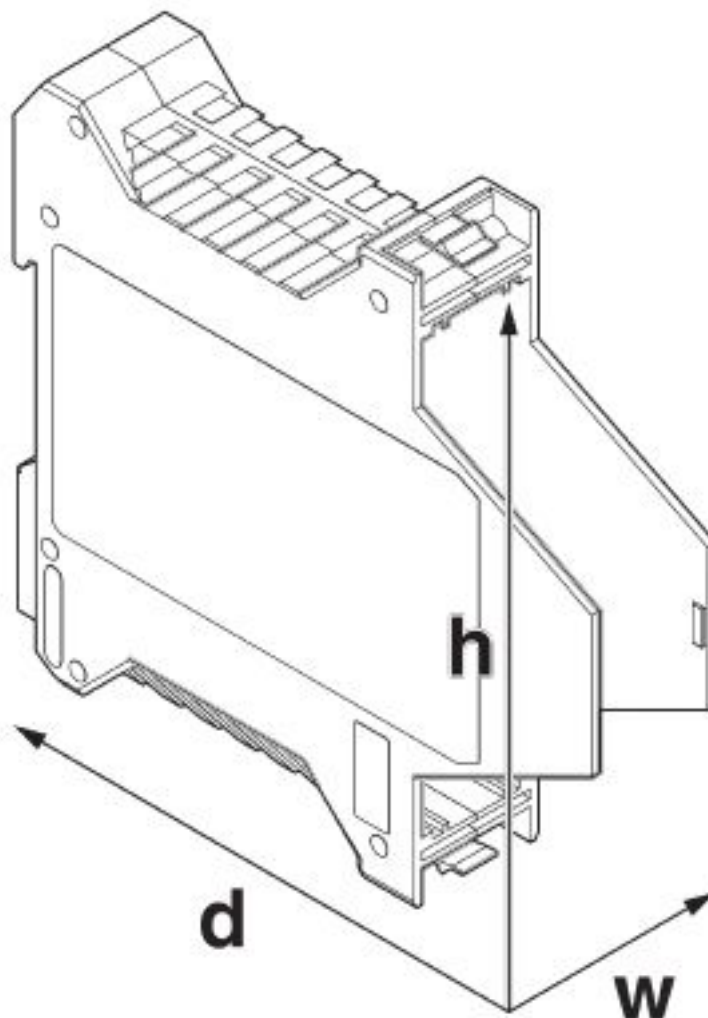
Environmental Product Compliance

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

Drawings

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| eCl@ss 5.0 | 27180500 |
| eCl@ss 5.1 | 27180500 |
| eCl@ss 6.0 | 27180800 |
| eCl@ss 7.0 | 27182702 |
| eCl@ss 8.0 | 27182702 |
| eCl@ss 9.0 | 27182702 |

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC000886 |
|----------|----------|

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC001031 |
| ETIM 6.0 | EC001031 |
| ETIM 7.0 | EC001031 |

UNSPSC

| | |
|-------------|----------|
| 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.01742 |
|-----|---|---------|

Accessories

Accessories

Component housing lower part

Components of electronic housing - ME DH 27 NS 35 KMGY - 2706289

Spacers, for protection of the input or output contacts for DIN rail NS 35, width [B] 27 mm



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Accessories

Components of electronic housing - ME DH 36 NS 35 KMGY - 2706292

Spacers, for protection of the input or output contacts for DIN rail NS 35, width [B] 36 mm



Filler plug

Cover - ME B-KA KMGY - 2706302



Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS terminal opening, (male side)

Cover - ME B-SA/NS 35 KMGY - 2706700



Terminal cover, 1 strip covers up to 12 terminal points, for ME-BUS male side, (female side)

Mounting material

Components of electronic housing - ME LPZS - 2906911



DIN rail housing, PCB stop

Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Accessories

Base latch - ME MF 17,5 - 2908281

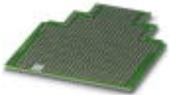
Metal foot catch, for intermediate elements.



PCB

PCB - ME LP - 2906908

PCB, for custom fitting, with contact to DIN rail (EN 60715)



PCB plug

Printed-circuit board connector - MCVR 1,5/10-ST-3,81 KMGY AU - 1936186



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 10, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Gold

Printed-circuit board connector - IMC 1,5/ 2-ST-3,81 GY7035 - 1708376



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

Printed-circuit board connector - MC 1,5/10-ST-3,81 BK - 1839733



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 10, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin, pin layout: Linear three-way pinning

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Accessories

Printed-circuit board connector - MC 1,5/10-ST-3,81 BK AU - 1771978



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 10, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Gold, pin layout: Linear three-way pinning

Printed-circuit board connector - IMC 1,5/10-ST-3,81 BK AU - 1770746



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 10, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Gold

Printed-circuit board connector - MC 1,5/ 2-ST-3,81 BK - 1827635



PCB connector, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm², number of positions: 2, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin, pin layout: Linear three-way pinning

Necessary add-on products

Upper part of housing - ME 35 OT-MSTBO KMGY - 2914864



DIN rail housing, Upper housing part for connectors with header, width: 35.2 mm, height: 99 mm, depth: 45.85 mm, color: light gray (7035)

Upper part of housing - ME 17,5 OT-FKDSO KMGY - 2200322



DIN rail housing, Upper housing part for PCB terminal blocks with Push-in spring connection, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: light gray (7035)

Mounting base housing - ME 35 UT/FE BUS/10+2 KMGY - 2201860

Accessories

Upper part of housing - ME 17,5 OT-MSTBO KMGY - 2853747



DIN rail housing, Upper housing part for connectors with header, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: light gray (7035)

Upper part of housing - ME 17,5 OTU-MKDSO KMGY - 2278940



DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: light gray (7035)

Upper part of housing - ME 17,5 OTP-MSTBO PS KMGY - 2279253



DIN rail housing, Upper housing part for connectors with header, width: 17.6 mm, height: 99 mm, depth: 45.85 mm, color: light gray (7035)

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