

## Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

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DIN rail housing, Lower housing part with metal foot catch, flat design, with vents, width: 22.6 mm, height: 99 mm, Depth: 84.8 mm, cross connection: DIN rail connector (optional), number of positions cross connector: 5, 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
Minimum order quantity	10 pc
GTIN	
GTIN	4017918964603
Weight per Piece (excluding packing)	29.980 g
Custom tariff number	85472000
Country of origin	Germany

### Technical data

#### Item properties

Brief article description	Mounting base housing
Type	ME 22,5 F-UT TBUS KMGY
Order No.	2914835
Housing type	DIN rail housing
Type	Lower housing part with metal foot catch, flat design

# Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

## Technical data

### Item properties

Max. IP code to attain	IP20
Mounting type	DIN rail mounting
Ventilation openings present	yes

### Dimensions

Width [ w ]	22.6 mm
Height [ h ]	99 mm
Depth [ d ]	84.8 mm
Depth from top edge of DIN rail [ d ]	77.3 mm
Depth from top edge of DIN rail to support point on upper part [ d ]	46 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	1
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	5.9 W

### Power dissipation, single housing at 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	5.4 W

### Power dissipation, single housing at 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	4.8 W

## Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

### Technical data

#### Power dissipation, single housing at 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	4.1 W

#### Power dissipation, single housing at 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	3.35 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)

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## Technical data

### 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.
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
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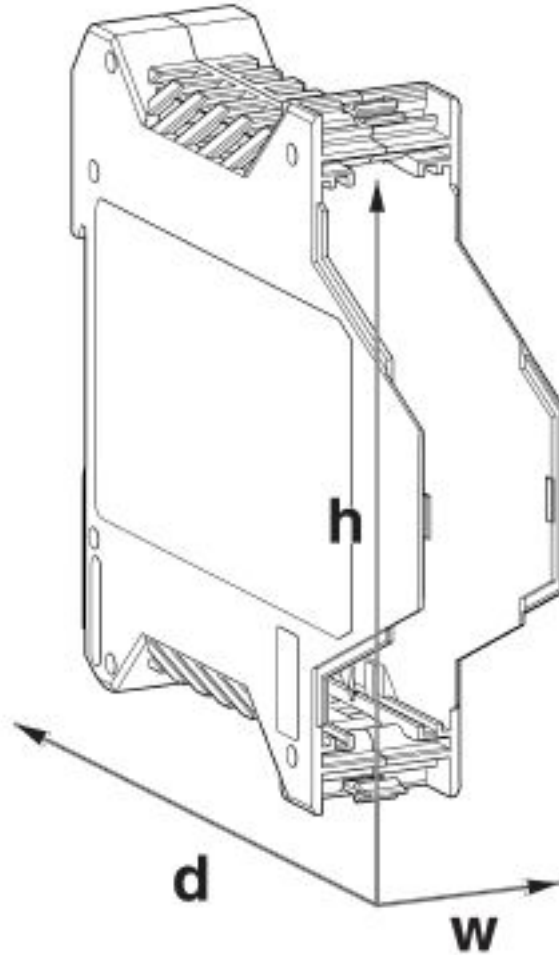
### Environmental Product Compliance

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

## Drawings

# Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	27180400
eCl@ss 4.1	27180400
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

# Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

## Classifications

### ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031
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

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#### Approvals

UL Recognized

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#### Ex Approvals

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### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 240868
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## Accessories

Accessories

Mounting material

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## Accessories

Components of electronic housing - ME LPZS - 2906911



Component housing, PCB stop

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Base latch - ME MF 17,5 - 2908281



Metal foot catch, for intermediate elements.

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Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

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## Necessary add-on products

Upper part of housing - ME 22,5 OT-MSTBO KMGY - 2907761



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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Upper part of housing - ME 22,5 OT-FKDSO KMGY - 2200323



DIN rail housing, Upper housing part for PCB terminal blocks with Push-in spring connection, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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## Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

### Accessories

Upper part of housing - ME 22,5 OT-MKDSO KMGY - 2908469



DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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Upper part of housing - ME 22,5 OTU-MKDSO KMGY - 2278953



DIN rail housing, Upper housing part for PCB terminal blocks with screw connection, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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Upper part of housing - ME 22,5 OT-1MSTBO KMGY - 2914877



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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Upper part of housing - ME 22,5 OT-3MSTBO KMGY - 2914880



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 102 mm, Depth: 60.15 mm, color: light gray (7035)

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Upper part of housing - ME 22,5 OTP-MSTBO PS KMGY - 2279282



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)

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## Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

### Accessories

#### Upper part of housing - ME 22,5 OT-MKDSO SET KMGY - 2853734

DIN rail housing, Set consisting of upper housing part and connection technology, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)



#### Upper part of housing - ME 22,5 OT-MSTBO KMGY VPE200 - 2896801

DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)



#### Upper part of housing - ME 22,5 OT-MSTBO SET KMGY - 2709244

DIN rail housing, Set consisting of upper housing part and connection technology, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: light gray (7035)



#### DIN rail bus connectors - ME 22,5 TBUS 1,5/ 5-ST-3,81 KMGY - 2713722

DIN rail connector, number of positions: 5, pitch: 3.81 mm, color: light gray, contact surface: Gold, Articles with gold-plated contacts, bus connectors for connecting with electronic housings



#### DIN rail bus connectors - ME 22,5 TBUS 1,5/4P1S KMGY - 2201732

DIN rail connector for ME and ME-MAX, design width: 22.5 mm, 4 parallel positions and 1 serial position, color: light gray (similar to RAL 7035)



## Mounting base housing - ME 22,5 F-UT TBUS KMGY - 2914835

### Accessories

DIN rail bus connectors - ME 22,5 TBUS ADAPTER KMGY - 2201756



DIN rail bus adapter for ME and ME-MAX, design width: 22.5 mm, 5 parallel positions, color: light gray (similar to RAL 7035)

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