

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




DIN rail housing, Lower housing part with metal foot catch, tall design, with vents, width: 22.5 mm, cross connection: integrated bus connector, number of positions cross connector: 5

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	1 pc
Minimum order quantity	10 pc
GTIN	 4 017918 901080
GTIN	4017918901080
Weight per Piece (excluding packing)	52.000 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Item properties

Brief article description	Mounting base housing
Type	ME 22,5 UT BUS/5 BK

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Technical data

Item properties

Order No.	2707550
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

Width [w]	22.5 mm
Depth [d]	99 mm

Material data

Color (RAL)	black
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

Mounting position	Vertical (horizontal DIN rail)
-------------------	--------------------------------

Power dissipation, single housing at 20 °C

Ambient temperature	20 °C
Reduction factor	1
Mounting position	vertical
Power dissipation	6.1 W

Power dissipation, single housing at 30 °C

Ambient temperature	30 °C
Reduction factor	0.91
Mounting position	vertical
Power dissipation	5.5 W

Power dissipation, single housing at 40 °C

Ambient temperature	40 °C
Reduction factor	0.81
Mounting position	vertical
Power dissipation	4.9 W

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Technical data

Power dissipation, single housing at 50 °C

Ambient temperature	50 °C
Reduction factor	0.7
Mounting position	vertical
Power dissipation	4.3 W

Power dissipation, single housing at 60 °C

Ambient temperature	60 °C
Reduction factor	0.57
Mounting position	vertical
Power dissipation	3.5 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
---------------	---

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Technical data

Test for assessing the risk of fire (glow wire)

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.
Type of note	Recommendation
Note	Material of contact pads for bus connector, galvanic gold (hard gold)

Packaging information

Pieces per package	10
Denomination packing units	Pcs.

Standards and regulations

Connection in acc. with standard	CUL
----------------------------------	-----

Environmental Product Compliance

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

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

ETIM

ETIM 2.0	EC001031
ETIM 3.0	EC001031
ETIM 4.0	EC001031

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Classifications

ETIM

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

Approvals

Approvals

Approvals

cUL Recognized / null / null / null / null / null / null / null / null / cULus Recognized

Ex Approvals

Approval details

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B		D
Nominal voltage UN	300 V		300 V
Nominal current IN	8 A		8 A

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Approvals

cULus Recognized



Accessories

Accessories

Coding element

Coding section - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

Filler plug

Cover - ME B-SA/NS 35 BK - 2713052



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

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Accessories

Cover - ME B-KA BK - 2869320



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

Filler plugs - ME B-22,5 MKDSO BK - 2908456

DIN rail housing, Filler plug for unoccupied terminal points, color: black (9005)

Filler plugs - ME B-22,5 MSTBO BK - 2909659

DIN rail housing, Filler plug for unoccupied terminal points, color: black (9005)

Mounting material

Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Components of electronic housing - ME DH27 NS 35 - 2908760



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

Mounting base housing - ME 22,5 UT BUS/5 BK - 2707550

Accessories

Components of electronic housing - ME DH36 NS 35 - 2909895

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



Components of electronic housing - ME LPZS - 2906911



Component housing, PCB stop