

Mounting base housing - ME 22,5 F-UT/FE YE - 2202656

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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, color: yellow (1018)



Key Commercial Data

Packing unit	10 pc
Minimum order quantity	500 pc
GTIN	 4 055626 345536
GTIN	4055626345536
Weight per Piece (excluding packing)	31.750 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Item properties

Brief article description	Mounting base housing
Type	ME 22,5 F-UT/FE YE
Order No.	2202656
Housing type	DIN rail housing
Type	Lower housing part with metal foot catch, flat design
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)	yellow (1018)
Flammability rating according to UL 94	V0

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Material data

Housing material	Polyamide
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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

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

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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

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

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Packaging information

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

Classifications

eCl@ss

eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

Approvals

Approvals

Approvals

UL Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 240868
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Accessories

Accessories

Mounting material

Mounting base housing - ME 22,5 F-UT/FE YE - 2202656

Accessories

Components of electronic housing - ME LPZS - 2906911



Component housing, PCB stop

Components of electronic housing - ME LPZS - 2906911



Component housing, PCB stop

Shield connection clamp - ME-SAS - 2853899



Shield connection clamp for printed circuit terminal block

Necessary add-on products

Upper part of housing - ME 22,5 OT-MKDSO YE - 2706331



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: yellow (1018)

Upper part of housing - ME 22,5 OT-3MSTBO YE - 2201417



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 102 mm, Depth: 60.15 mm, color: yellow (1018)

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Accessories

Upper part of housing - ME 22,5 OT-1MSTBO YE - 2201419



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: yellow (1018)

Upper part of housing - ME 22,5 OT-MKDSO SET YE - 2706399



DIN rail housing, Set consisting of upper housing part and connection technology, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: yellow (1018)

Upper part of housing - ME 22,5 OT-MSTBO YE - 2695934



DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, height: 99 mm, Depth: 45.85 mm, color: yellow (1018)
