PHŒNIX CONTACT

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

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DIN rail housing, Upper housing part for connectors with header, width: 22.6 mm, 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

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	4 017918 277819
GTIN	4017918277819
Weight per Piece (excluding packing)	12.940 g
Custom tariff number	85472000
Country of origin	Germany

Technical data

Item properties

Brief article description	Upper part of housing
Type	ME 22,5 OT-MSTBO KMGY

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Technical data

Item properties

Order No.	2907761
Housing type	DIN rail housing
Type	Upper housing part for connectors with header
Max. IP code to attain	IP20
Mounting type	Latching with lower housing part
Connection levels	2 (Both sides)
Max. number of positions	20 (pitch: 3.5 mm)
	16 (pitch: 5 mm)
	12 (pitch: 7.25 mm)

Dimensions

Width [w]	22.6 mm
Height [h]	99 mm
Depth [d]	45.85 mm
Depth from base support surface [d]	38.5 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	1
PCB thickness	1.4 mm ... 1.8 mm
Mounting position	Vertical (horizontal DIN rail)
Type of PCB mount	Latching

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

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Packaging information

Pieces per package	50
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

Classifications

eCl@ss

eCl@ss 4.0	27180401
eCl@ss 4.1	27180401
eCl@ss 5.0	27180506
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
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

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Approvals

Approvals

Approvals	
UL Recognized / EAC	

Ex Approvals	

Approval details

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

EAC			B.01742

Accessories

Accessories

Fiber optic

Fiber optic - HS LC-H-D3/ R1XC1 - 2202313

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-5X2/ R1XC1 - 2202314

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Accessories

Fiber optic - HS LC-H-D3/ R2XC1-5,08 - 2202315

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC1-2,54 - 2202316

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC2-2,54 - 2202317

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC5-2,54 - 2202318

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R2XC10-2,54 - 2202319

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

Accessories

Fiber optic - HS LC-H-D2/ R4XC2-2,54 - 2202320

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC5-2,54 - 2202321

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC9-2,54 - 2202322

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2/ R4XC10-2,54 - 2202323

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC1-2,54 - 1036658

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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

Accessories

Fiber optic - HS LC-H-D2C/ R2XC2-2,54 - 1043044

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC5-2,54 - 1071310

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R2XC10-2,54 - 1071314

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC2-2,54 - 1071316

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC5-2,54 - 1071318

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

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Accessories

Fiber optic - HS LC-H-D2C/ R4XC9-2,54 - 1071321

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Fiber optic - HS LC-H-D2C/ R4XC10-2,54 - 1071329

Light guides, passive, rigid, can be used for the ME, ME-MAX, ME-IO, ME PLC, and EH housing ranges (housing must be processed)

Filler plug

Filler plugs - ME B-22,5 MSTBO KMGY - 2907965

Filler plugs, for unoccupied terminal points

Mounting material

Shield connection clamp - ME-SAS - 2853899

Shield connection clamp for printed circuit terminal block

Shield connection clamp - ME-SAS MINI - 2200456

Shield connection clamp for printed circuit terminal block

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

Accessories

Necessary add-on products

Feed-through header - MCO 1,5/ 5-G1L-3,5 KMGY - 2278380

PCB headers, number of positions: 5, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

Feed-through header - MCO 1,5/ 5-G1R-3,5 KMGY - 2278351

PCB headers, number of positions: 5, pitch: 3.5 mm, color: light gray, Article with lateral pin exit

Printed-circuit board connector - MC 1,5/ 5-ST-3,5 GY7035 - 1769087

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 5-ST-3,5 - 1840395

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

MC 1,5/ 5-ST-3,5 BU - 1072487

PCB connector, number of positions: 5, pitch: 3.5 mm, color: blue

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

Accessories

Printed-circuit board connector - MC 1,5/ 5-ST-3,5 GY7031 - 1711176

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: blue grey, contact surface: Tin

Printed-circuit board connector - MC 1,5/ 5-ST-3,5 BK - 1876343

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Screw connection with tension sleeve, color: black, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 - 1952296

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 YE - 1048844

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: yellow, contact surface: Tin

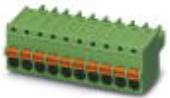Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 GY AU - 1746644

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Gold

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Accessories

Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 BK - 1705000

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 GY - 1729328

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: gray, contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 5-ST-3,5 GY7035 - 1773581
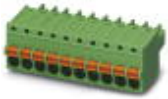
PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 5-ST-3,5 - 1939947

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 5-ST-3,5 GY7035 - 1773604

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: light gray, contact surface: Tin

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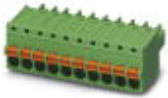# Upper part of housing - ME 22,5 OT-MSTBO KMGY - 2907761

Accessories

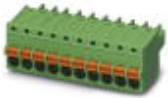Printed-circuit board connector - FK-MCP 1,5/ 5-ST-3,5 BK - 1800274

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: black, contact surface: Tin

PCB connector - FK-MCP 1,5/ 5-ST-3,5 GY7031 - 1705329

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: blue grey, contact surface: Tin

PCB connector - FK-MCP 1,5/ 5-ST-3,5 YE - 1096427

PCB connector, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, connection method: Push-in spring connection, color: yellow, contact surface: Tin

Feed-through header - MSTBO 2,5/ 4-G1L - 1861060

PCB headers, number of positions: 4, pitch: 5 mm, color: green, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1L THRR44 BK AU - 1077613

PCB headers, number of positions: 4, pitch: 5 mm, color: black, Article with lateral pin exit

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Accessories

Feed-through header - MSTBO 2,5/ 4-G1L THRR44 BK - 2697194

PCB headers, number of positions: 4, pitch: 5 mm, color: black

Feed-through header - MSTBO 2,5/ 4-G1L THR BK - 2709749

PCB headers, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1L KMGY AU - 1077607

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 4-G1L KMGY - 2907774

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray

Feed-through header - MSTBO 2,5/ 4-G1L OG - 2200383

PCB headers, color: orange, Article with lateral pin exit

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

Accessories

Feed-through header - MSTBO 2,5/ 4-G1R - 1861073

PCB headers, number of positions: 4, pitch: 5 mm, color: green, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1R THR BK - 2709752

PCB headers, pitch: 5 mm, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1R THRR44 BK AU - 1077614

PCB headers, number of positions: 4, pitch: 5 mm, color: black, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1R THRR44 BK - 2697204

PCB headers, number of positions: 4, pitch: 5 mm, color: black, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1R KMGY AU - 1077608

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray, Article with lateral pin exit

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

Accessories

Feed-through header - MSTBO 2,5/ 4-G1R KMGY - 2907787

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1R OG - 2200384

PCB headers, pitch: 5 mm, color: orange, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1PL GY7035 - 2200325

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray, Article with lateral pin exit

Printed-circuit board connector - MSTBO 2,5/ 4-G1PL BK - 2200485

PCB headers, number of positions: 4, pitch: 5 mm, color: black, Article with lateral pin exit

Printed-circuit board connector - MSTBO 2,5/ 4-G1PL BUGY - 2200551

PCB headers, number of positions: 4, pitch: 5 mm, color: blue grey, Article with lateral pin exit

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Accessories

Printed-circuit board connector - MSTBO 2,5/ 4-G1PR BK - 2200486

PCB headers, number of positions: 4, pitch: 5 mm, color: black, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1PR GY7035 - 2200326

PCB headers, number of positions: 4, pitch: 5 mm, color: light gray, Article with lateral pin exit

Feed-through header - MSTBO 2,5/ 4-G1PR BUGY - 2200552

PCB headers, number of positions: 4, pitch: 5 mm, color: blue grey, Article with lateral pin exit

Printed-circuit board connector - PSPT 2,5/ 4-ST KMGY - 2202344

PCB connector, number of positions: 4, pitch: 5 mm, color: light gray

Printed-circuit board connector - PSPT 2,5/ 4-ST BU - 1036975

PCB connector, number of positions: 4

Printed-circuit board connector - PSPT 2,5/ 4-ST GY - 1036976

PCB connector, number of positions: 4

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

Accessories

Printed-circuit board connector - PSPT 2,5/ 4-ST BK - 2202757

PCB connector, number of positions: 4, pitch: 5 mm, color: black

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BK - 2200482

PCB connector, number of positions: 4, pitch: 5 mm, color: black

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP GY7035 - 2200332

PCB connector, number of positions: 4, pitch: 5 mm, color: light gray

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BU - 1009166

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BUGY - 2201085

PCB connector

Feed-through header - GMSTBO 2,5 HV/ 3-GL-7,25 THR - 2199663

PCB headers, number of positions: 3, pitch: 7.25 mm

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Accessories

Feed-through header - GMSTBO 2,5 HV/3-GL-7,25 THRR44 - 2200263

PCB headers, number of positions: 3

Feed-through header - GMSTBO 2,5 HV/ 3-GR-7,25 THR - 2199566

PCB headers, number of positions: 3, pitch: 7.25 mm

Feed-through header - GMSTBO 2,5 HV/3-GR-7,25 THRR44 - 2200262

PCB headers, number of positions: 3

Printed-circuit board connector - GMSTBT 2,5 HV/3-ST-7,25 GY7035 - 2199553

PCB connector, number of positions: 3, pitch: 7.25 mm, color: light gray

Printed-circuit board connector - GMSTBT 2,5 HV/3-ST-7,25 YE - 1080380

PCB connector, number of positions: 3

Printed-circuit board connector - GMSTBT 2,5 HV/3-ST-7,25 BUGY - 2201084

PCB connector, number of positions: 3

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Accessories

Printed-circuit board connector - GMSTBT 2,5 HV/3-ST-7,25 BK - 2202104

PCB connector, number of positions: 3

Mounting base housing - ME 22,5 UT KMGY - 2907732

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 UT KMGY VPE100 - 2901408

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 UT/FE TBUS KMGY - 2914327

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: DIN rail bus connector, color: light gray (7035), number of positions cross connector: 5

Mounting base housing - ME 22,5 UT TBUS KMGY - 2869524

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: DIN rail bus connector, color: light gray (7035), number of positions cross connector: 5

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

Accessories

Mounting base housing - ME 22,5 UT BUS/10 KMGY - 2707482

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: integrated bus connector, color: light gray (7035), number of positions cross connector: 10

Mounting base housing - ME 22,5 UT/FE BUS/10 KMGY - 2854047

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: integrated bus connector, color: light gray (7035), number of positions cross connector: 10

Mounting base housing - ME 22,5 UT/FE BUS/ 5 KMGY - 2914071

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: integrated bus connector, color: light gray (7035), number of positions cross connector: 5

Mounting base housing - ME 22,5 UT/FE BUS/10+2 KMGY - 2890108

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: integrated bus connector, color: light gray (7035), number of positions cross connector: 10+2

Mounting base housing - ME 22,5 F-UT KMGY - 2709781

DIN rail housing, Flat design, with vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

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

Accessories

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

DIN rail housing, Flat design, with vents, width: 22.6 mm, cross connection: DIN rail bus connector, color: light gray (7035), number of positions cross connector: 5

Mounting base housing - ME 22,5 UTG/FE KMGY - 2869058

DIN rail housing, Tall design, without vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 UTG TBUS KMGY - 2914806

DIN rail housing, Tall design, without vents, width: 22.6 mm, cross connection: DIN rail bus connector, color: light gray (7035), number of positions cross connector: 5

Mounting base housing - ME 22,5 UTG KMGY - 2854445

DIN rail housing, Tall design, without vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 UT/FE KMGY - 2908838

DIN rail housing, Tall design, with vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 UT/FE KMGY S4 - 2890755

DIN rail housing, Tall design, width: 22.6 mm, color: light gray (7035)

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Accessories

Mounting base housing - ME 22,5 F-UT/FE KMGY - 2202693

DIN rail housing, Flat design, with vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant

Mounting base housing - ME 22,5 SF-UT KMGY - 2201861

DIN rail housing, Ultra-flat design, without vents, width: 22.6 mm, cross connection: without bus connector, color: light gray (7035), number of positions cross connector: not relevant