

Universal housings - UCS 145-125-F-GD-RPI4B 9005 - 1139242

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Complete housing for Raspberry Pi printed-circuit boards. Includes housing half shells, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B4 computers, screws for housing and PCB attachment; black housing with turquoise-blue corner inlays

Your advantages

- ✓ High degree of application flexibility, thanks to the modular housing design
- ✓ Flexible PCB attachment, adapts to virtually all form factors
- ✓ Practical customization options
- ✓ Reduced logistics outlay, thanks to components which are compatible with one another
- ✓ Delivery as a complete housing with ready-machined side panels



Key Commercial Data

Packing unit	1
GTIN	 4 063151 081386
GTIN	4063151081386
Custom tariff number	85389099

Technical data

Item properties

Type	UCS 145-125-F-GD-RPI4B 9005
Order No.	1139242
Housing type	Universal housings
Type	Flat design
Max. IP code to attain	IP40

Measurements

Caption	Schematic representation – for additional information, see product range drawing in the Download Center
Width [w]	145 mm
Height [h]	125 mm

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Technical data

Measurements

Depth [d]	47 mm
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Material specifications

Color (RAL)	black (9005)
Flammability rating according to UL 94	V0
Housing material	PC

Ambient conditions

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

PCB data

Number of PCB holders	1
Note on PCB holders	This product is prepared for a printed-circuit board. Additional printed-circuit boards can be mounted using adhesive pads (accessories).
PCB thickness	0.8 mm ... 3 mm
Type of PCB mount	Bolt mounting
Supported form factors	Raspberry Pi

General information

Note	The housing can be opened a maximum of 10 times.
	Attach the adhesive pads: Make sure that the surface of the housing is clean, dry, and free of grease. Temperature range: +18°C ... +30°C / Closing pressure force: 60 N / Closing pressure time: 3 s

Note on mounting

Drive form screw head	Screw connection between housing halves: Slotted Torx®(T10)
	Mounting the PCB: Slotted Torx®(T7)

Packaging information

Type of packaging	Box packaging
Pieces per package	1
Denomination packing units	Pcs.

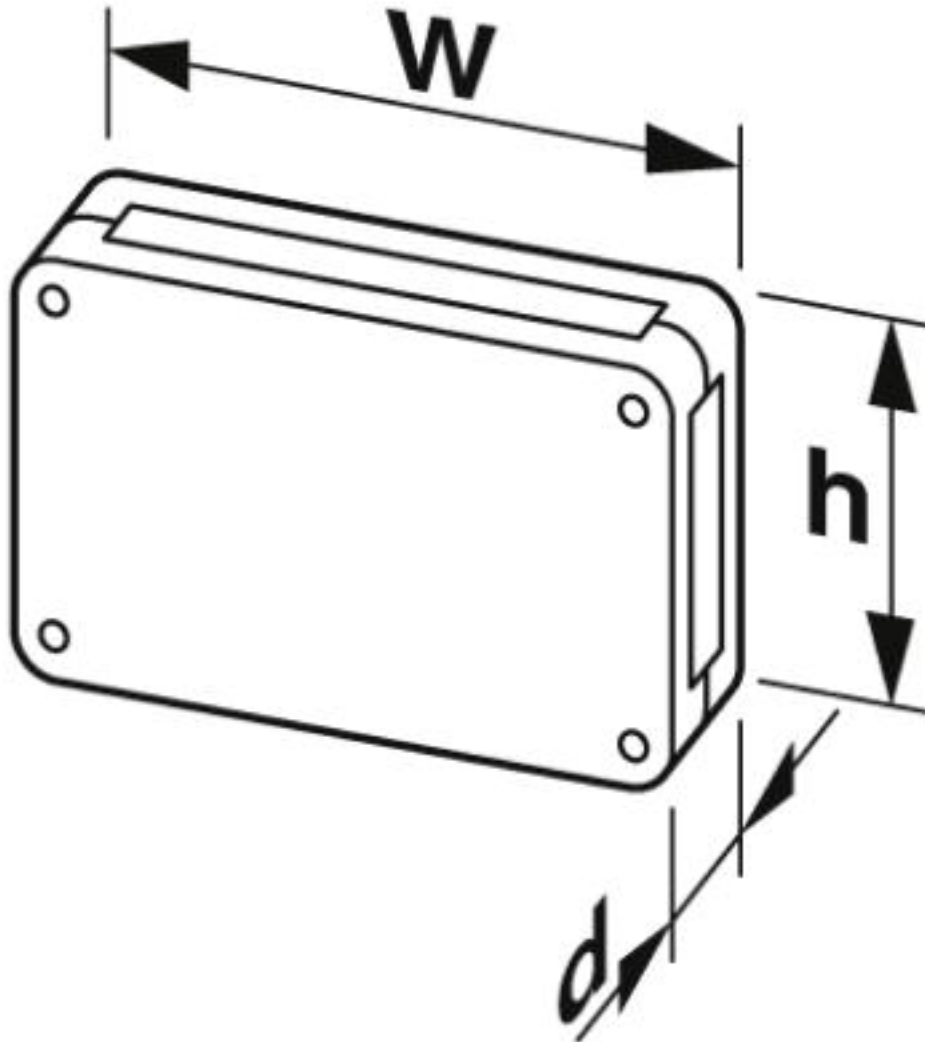
Standards and regulations

Flammability rating according to UL 94	V0
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Drawings

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Dimensional drawing



Schematic representation – for additional information, see product range drawing in the Download Center

Classifications

eCl@ss

eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 5.0	EC001031
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Accessories

Accessories

Screwdriver tools

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Accessories

Screwdriver - SF-TXH 10X80 - 1200149



Screwdriver, Torx® with bore hole, TX 10 x 80, two-component handle

Screw insert - SF-BIT-TX 10-50 - 1212573



Screw bit, Torx®, E6.3-1/4" drive, size: TX 10 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Torque tool

Battery-powered screwdriver - SF-ASD 21 - 1212532



Cordless screwdriver, incl. 1.5 Ah battery, forward/reverse running, 21-stage coupling, up to 600 rpm, 6.3 mm hexagonal fast connection drill chuck, torque can be adjusted from 0.3 ... 4.4 Nm

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

Additional products

Corner inlay - UCS CC 7035 - 2203395

Corner inlay for UCS housings, material: polyamide, color: light gray, similar to RAL 7035



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Accessories

Corner inlay - UCS CC 9005 - 2203396

Corner inlay for UCS housings, material: polyamide, color: black, similar to RAL 9005



Screw set - UCS SF 3,5X20 - 2203402



Screw set for creating a UCS housing of height 47 mm

Screw set - UCS SF 3,5X40 - 2203403



Screw set for creating a UCS housing of height 67 mm

Mounting set - UCS GD 9005 - 2203401

Adhesive screw boss, for securing the printed-circuit board, material: polyamide; content 4 pieces with screws 2.5 x 8



Stand - UCS PED 9005 - 2203393



Stand for mounting the UCS housing; height: 47 mm; material: polyamide; color: black, similar to RAL 9005; wall mounting option is integrated, snaps into the screw holes of the housing

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Accessories

Stand - UCS PED 7035 - 2203392



Stand for mounting the UCS housing; height: 47 mm; material: polyamide; color: light gray, similar to RAL 7035; wall mounting option is integrated, snaps into the screw holes of the housing

Stand - UCS PED 5018 - 2203394



Stand for mounting the UCS housing, height: 47 mm; material: polyamide; color: turquoise blue, similar to RAL 5018; wall mounting option is integrated, snaps into the screw holes of the housing

Wall bracket - UCS WM-B 7035 - 2203718



Adapter for mounting the UCS housing on the wall, material: polyamide, color: light gray similar to RAL 7035, used instead of UCS CC corner insert; only used in conjunction with UCS GD 9005 adhesive pad

Wall bracket - UCS WM-B 9005 - 2203719



Adapter for mounting the UCS housing on the wall, material: polyamide, color: black similar to RAL 9005, used instead of UCS CC corner insert; only used in conjunction with UCS GD 9005 adhesive pad

Wall bracket - UCS WM-B 5018 - 2203391



Adapter for mounting the UCS housing on the wall, material: polyamide, color: turquoise similar to RAL 5018, used instead of UCS CC corner insert. Only used in conjunction with UCS GD 9005 adhesive pad

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Accessories

Stand - UCS PED 7035 - 2203392



Stand for mounting the UCS housing; height: 47 mm; material: polyamide; color: light gray, similar to RAL 7035; wall mounting option is integrated, snaps into the screw holes of the housing

Stand - UCS PED 9005 - 2203393



Stand for mounting the UCS housing; height: 47 mm; material: polyamide; color: black, similar to RAL 9005; wall mounting option is integrated, snaps into the screw holes of the housing

Stand - UCS PED 5018 - 2203394



Stand for mounting the UCS housing, height: 47 mm; material: polyamide; color: turquoise blue, similar to RAL 5018; wall mounting option is integrated, snaps into the screw holes of the housing

Corner guards - UCS CP 7035 - 2203346



Adapter for protecting the corners of the UCS housing; material: TPE-U; color: light gray, similar to RAL 7035; held in the screw holes of the housing

Corner guards - UCS CP 9005 - 2203347



Adapter for protecting the corners of the UCS housing; material: TPE-U; color: black, similar to RAL 9005; held in the screw holes of the housing

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Accessories

Corner guards - UCS CP 5018 - 2203348



Adapter for protecting the corners of the UCS housing; material: TPE-U; color: turquoise blue, similar to RAL 5018; held in the screw holes of the housing

Stacking adapters - UCS CS 7035 - 2203720



Adapter for stacking several UCS housings of one size; material: TPE-U; color: light gray, similar to RAL 7035; held in the screw holes of the housing

Stacking adapters - UCS CS 9005 - 2203721



Adapter for stacking several UCS housings of one size; material: TPE-U; color: black, similar to RAL 9005; held in the screw holes of the housing

Stacking adapters - UCS CS 5018 - 1029039



Adapter for stacking several UCS housings of one size; material: TPE-U; color: turquoise blue, similar to RAL 5018; held in the screw holes of the housing

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)

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Accessories

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)

DIN rail adapter - UCS DIN 125-F 7035 - 2203838



DIN rail adapter for mounting one UCS 125-87-F housing (long side) or UCS 145-125-F housing (short side) onto an NS 35 DIN rail; will be set into the housing instead of a UCS SW 125 side wall; material: polycarbonate; color: light gray, similar to RAL 7035

DIN rail adapter - UCS DIN 145-F 7035 - 2203839



DIN rail adapter for mounting one UCS 145-125-F housing (long side) or UCS 195-145-F housing (short side) onto an NS 35 DIN rail; will be set into the housing instead of a UCS SW 145 side wall; material: polycarbonate; color: light gray, similar to RAL 7035
