

Electronic housing - UCS 237-195-F-GD-RPI-DT7 9005 - 1104781

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Complete housing for printed-circuit boards. Includes housing half shell for Raspberry Pi 7" touch display, side panels with openings for all relevant connections, adhesive pads for affixing the Raspberry Pi model B2 and B3 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 pc
GTIN	 4 055626 971827
GTIN	4055626971827
Weight per Piece (excluding packing)	361.660 g
Sales Key	ACFCAA

Technical data

Item properties

Type	UCS 237-195-F-GD-RPI-DT7 9005
Order No.	1104781
Housing type	Universal housings
Type	flat

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)

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Technical data

Ambient conditions

Relative humidity (storage/transport)	80 %
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PCB data

Type of PCB mount	Bolt mounting
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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

Tightening torque / rotational speed	Screw connection between housing halves: 1.2 Nm-1.4 Nm / 500 rpm-1000 rpm
	Mounting of PCB on corner feeder: 0.4 Nm-0.5 Nm / 500 rpm-1000 rpm
Drive form screw head	Screw connection between housing halves: Slotted Torx®(T10)
	Mounting the PCB: Slotted Torx®(T7)

Packaging information

Pieces per package	1
Denomination packing units	Pcs.

Standards and regulations

Flammability rating according to UL 94	V0
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Classifications

eCl@ss

eCl@ss 5.1	27180506
eCl@ss 6.0	27180800
eCl@ss 7.0	27182702
eCl@ss 8.0	27182702
eCl@ss 9.0	27182702

ETIM

ETIM 5.0	EC001031
ETIM 6.0	EC001031
ETIM 7.0	EC001031

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

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

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Accessories

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



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

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



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

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



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

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



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

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