

## Housing half shell - UCS HH 145-125 9005 - 2203352

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Housing half shell for creating a UCS housing of 145 x 125 mm; material: polycarbonate; color: black similar to RAL 9005



### 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



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 10 pc                                                                                                   |
| Minimum order quantity | 10 pc                                                                                                   |
| GTIN                   | <br>4 055626 427690 |
| GTIN                   | 4055626427690                                                                                           |

### Technical data

#### Item properties

|                              |                     |
|------------------------------|---------------------|
| Type                         | UCS HH 145-125 9005 |
| Order No.                    | 2203352             |
| Housing type                 | Universal housings  |
| Max. IP code to attain       | IP40                |
| Ventilation openings present | no                  |

#### Measurements

|              |          |
|--------------|----------|
| Width [ w ]  | 145 mm   |
| Height [ h ] | 125 mm   |
| Depth [ d ]  | 21.75 mm |

#### Material specifications

# Housing half shell - UCS HH 145-125 9005 - 2203352

## Technical data

### Material specifications

|                                        |              |
|----------------------------------------|--------------|
| Color (RAL)                            | black (9005) |
| Insulating material                    | PC           |
| CTI according to IEC 60112             | 2            |
| Flammability rating according to UL 94 | V0           |
| Housing material                       | PC           |

### Ambient conditions

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Ambient temperature (storage/transport) | -40 °C ... 70 °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

|                        |                                     |
|------------------------|-------------------------------------|
| PCB thickness          | 0.8 mm ... 3 mm                     |
| Total PCB surface      | 11800 mm <sup>2</sup>               |
| Type of PCB mount      | Bolt mounting                       |
| Supported form factors | Raspberry Pi, Pico-ITX, PC/104, ETX |

### Mechanical strength/tumbling barrel

|                       |                        |
|-----------------------|------------------------|
| Specification         | IEC 60068-2-31:2008-05 |
| Height of fall        | 50 cm                  |
| Number of drop cycles | 50                     |

### 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                                      |

### Test for substances that would hinder coating with paint or varnish

|               |                      |
|---------------|----------------------|
| Result        | Test passed          |
| Specification | VW PV 3.10.7:2005-02 |

### Packaging information

|                            |      |
|----------------------------|------|
| Pieces per package         | 10   |
| Denomination packing units | Pcs. |

### Standards and regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

## Housing half shell - UCS HH 145-125 9005 - 2203352

### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27182702 |
| 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

#### Necessary add-on products

Side panel - UCS SW 125-F 7035 - 2203364



Side panel for use with housing half shells 125 x 87 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 47 mm; material: polycarbonate; color: light gray similar to RAL 7035

Side panel - UCS SW 125-H 7035 - 2203367



Side panel for use with housing half shells 125 x 87 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 67 mm; material: polycarbonate; color: light gray similar to RAL 7035

Side panel - UCS SW 125-F 9005 - 2203365



Side panel for use with housing half shells 125 x 87 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 47 mm; material: polycarbonate; color: black similar to RAL 9005

## Housing half shell - UCS HH 145-125 9005 - 2203352

### Accessories

Side panel - UCS SW 125-H 9005 - 2203369



Side panel for use with housing half shells 125 x 87 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 67 mm; material: polycarbonate; color: black similar to RAL 9005

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Height adapter - UCS HAC 7035 - 2203399



Height adapter for use in UCS housing for 67 mm variants; polycarbonate; color: light gray similar to RAL 7035

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Height adapter - UCS HAC 9005 - 2203400



Height adapter for use in UCS housing for 67 mm variants; polycarbonate; color: black similar to RAL 9005

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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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Corner inlay - UCS CC 7035 - 2203395



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

## Housing half shell - UCS HH 145-125 9005 - 2203352

### Accessories

#### Corner inlay - UCS CC 9005 - 2203396

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



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#### Corner inlay - UCS CC 5018 - 2203398

Corner inlay for UCS housings, material: polyamide, color: turquoise blue, similar to RAL 5018



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#### Corner inlay - UCS CCD 5018 - 2203404

Corner inlay for UCS housings with integrated screw boss, material: polyamide, color: turquoise blue, similar to RAL 5018



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#### Corner inlay - UCS CCD 9005 - 2203477

Corner inlay for UCS housings with integrated screw boss; material: polyamide; color: black, similar to RAL 9005



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#### Corner inlay - UCS CCD 7035 - 2203479

Corner inlay for UCS housings with integrated screw boss; material: polyamide; color: light gray, similar to RAL 7035



## Housing half shell - UCS HH 145-125 9005 - 2203352

### Accessories

#### Side panel - UCS SW 145-F 7035 - 2203372



Side panel for use with housing half shells 195 x 145 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 47 mm; material: polycarbonate; color: light gray similar to RAL 7035

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#### Side panel - UCS SW 145-H 9005 - 2203376



Side panel for use with housing half shells 195 x 145 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 67 mm; material: polycarbonate; color: black similar to RAL 9005

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#### Side panel - UCS SW 145-H 7035 - 2203375



Side panel for use with housing half shells 195 x 145 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 67 mm; material: polycarbonate; color: light gray similar to RAL 7035

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#### Side panel - UCS SW 145-F 9005 - 2203373



Side panel for use with housing half shells 195 x 145 mm and 145 x 125 mm in size; panel thickness: 2 mm; total height of housing: 47 mm; material: polycarbonate; color: black similar to RAL 9005

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