

# UCS SW 87-H 9005 - Side panel



2203362

<https://www.phoenixcontact.com/us/products/2203362>

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Side panel for use with housing half shells 125 x 87 mm in size; panel thickness: 2 mm; total height of housing: 67 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

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2203362       |
| Packing unit                         | 20 pc         |
| Minimum order quantity               | 20 pc         |
| Sales key                            | AC03          |
| Product key                          | ACFCAA        |
| GTIN                                 | 4055626427379 |
| Weight per piece (including packing) | 8.065 g       |
| Weight per piece (excluding packing) | 8 g           |
| Customs tariff number                | 84879090      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|               |                                                           |
|---------------|-----------------------------------------------------------|
| Assembly note | Please observe the application note in the download area. |
|---------------|-----------------------------------------------------------|

### Product properties

|                              |                    |
|------------------------------|--------------------|
| Product type                 | Housing side panel |
| Housing type                 | Universal housings |
| Housing series               | UCS                |
| Ventilation openings present | no                 |

### Dimensions

|        |         |
|--------|---------|
| Width  | 58 mm   |
| Height | 59.4 mm |
| Depth  | 2 mm    |

### Material specifications

|                                        |                  |
|----------------------------------------|------------------|
| Color (Housing)                        | black (RAL 9005) |
| Material Housing                       | PC               |
| Flammability rating according to UL 94 | V0               |
| CTI according to IEC 60112             | 225              |
| Insulating material                    | PC               |
| Surface characteristics                | untreated        |

### Environmental and real-life conditions

#### Vibration test

|                        |                             |
|------------------------|-----------------------------|
| Specification          | IEC 60068-2-6:2007-12       |
| Frequency              | 10 - 150 - 10 Hz            |
| Sweep speed            | 1 octave/min                |
| Amplitude              | 0.15 mm (10 Hz ... 58.1 Hz) |
| Acceleration           | 2g (58.1 Hz ... 150 Hz)     |
| Test duration per axis | 2.5 h                       |
| Test directions        | X-, Y- and Z-axis           |

#### Glow-wire test

|                  |                        |
|------------------|------------------------|
| Specification    | IEC 60695-2-11:2014-02 |
| Temperature      | 850 °C                 |
| Time of exposure | 30 s                   |

#### Thermal stability / ball thrust test

|               |                        |
|---------------|------------------------|
| Specification | IEC 60695-10-2:2014-02 |
| Temperature   | 125 °C                 |
| Test duration | 1 h                    |
| Force         | 20 N                   |

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## Mechanical strength / tumbling barrel

|                |                        |
|----------------|------------------------|
| Specification  | IEC 60068-2-31:2008-05 |
| Height of fall | 50 cm                  |
| Frequency      | 50                     |

## Shocks

|                                |                                   |
|--------------------------------|-----------------------------------|
| 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.) |

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

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

## Degree of protection (IP code)

|                                       |                                                   |
|---------------------------------------|---------------------------------------------------|
| Specification                         | IEC 60529:1989-11 + AMD 1:1999-11 + AMD 2:2013-08 |
| Result, degree of protection, IP code | IP40                                              |

## Ambient conditions

|                                         |                                                    |
|-----------------------------------------|----------------------------------------------------|
| Max. IP code to attain                  | IP40                                               |
| Ambient temperature (operation)         | -40 °C ... 105 °C (depending on power dissipation) |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C                                   |
| Ambient temperature (assembly)          | -5 °C ... 100 °C                                   |
| Relative humidity (storage/transport)   | 95 %                                               |

## Mounting

|               |      |
|---------------|------|
| Mounting type | Slot |
|---------------|------|

## Packaging specifications

|                   |        |
|-------------------|--------|
| Type of packaging | PE bag |
|-------------------|--------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27190602 |
| ECLASS-15.0 | 27190602 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002779 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 31261500 |
|-------------|----------|

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## Environmental product compliance

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| EU RoHS                                 |                                                              |
| Fulfills EU RoHS substance requirements | Yes, No exemptions                                           |
| China RoHS                              |                                                              |
| Environment friendly use period (EFUP)  | EFUP-E                                                       |
|                                         | No hazardous substances above the limits                     |
| EU REACH SVHC                           |                                                              |
| REACH candidate substance (CAS No.)     | Perfluorobutane sulfonic acid (PFBS) and its salts(CAS: n/a) |

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