

ECS-KIT-64X80-S-UV-7042 - Electronics housing



1319373

<https://www.phoenixcontact.com/us/products/1319373>

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Empty enclosure for wall or mast mounting, gray (7042), modular electronics housing with front plate, for outdoor applications, degree of protection: IP66/IP67/IP68/IP69, width: 97 mm, height: 87 mm, depth: 42 mm, PCB surface: 4100 mm²

Your advantages

- Housing design supports the installation of a range of PCB thicknesses for high application diversity
- Integrated pressure compensation membrane for fluctuating ambient pressures
- Optional accessories for wall and mast mounting
- Proven PCB connection technology
- Integrated tamper protection
- Effective protection of electronics against thermal and mechanical influences
- Suitable for outdoor/indoor applications

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1319373 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AC04 |
| Product key | ACFDAK |
| GTIN | 4063151604424 |
| Weight per piece (including packing) | 142 g |
| Weight per piece (excluding packing) | 144.5 g |
| Customs tariff number | 84879090 |
| Country of origin | US |

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Technical data

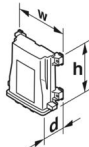
Notes

| | |
|---------------|--|
| Assembly note | Please observe the assembly instructions available in the download area. |
|---------------|--|

Product properties

| | |
|------------------------------|-----------------------|
| Product type | Stackable housing set |
| Housing type | Field housing |
| Housing type | Outdoor housings |
| Housing series | ECS |
| Ventilation openings present | no |
| Battery compartment | no |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 97.8 mm |
| Height | 89.4 mm |
| Depth | 45.1 mm |

Material specifications

| | |
|--|-----------------|
| Color (Housing) | gray (RAL 7042) |
| Material Housing | PC |
| Flammability rating according to UL 94 | V0 |

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------|
| Max. NEMA code to attain | 6 |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Ambient temperature (storage/transport) | -40 °C ... 100 °C |

PCB data

| | |
|-----------------------|----------------------|
| Number of PCB holders | 1 |
| Type of PCB mount | Bolt mounting |
| Total PCB surface | 4100 mm ² |

Mounting

| | |
|---------------|---|
| Mounting type | Wall or panel mount. Pole mount with accessory. |
|---------------|---|

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Packaging specifications

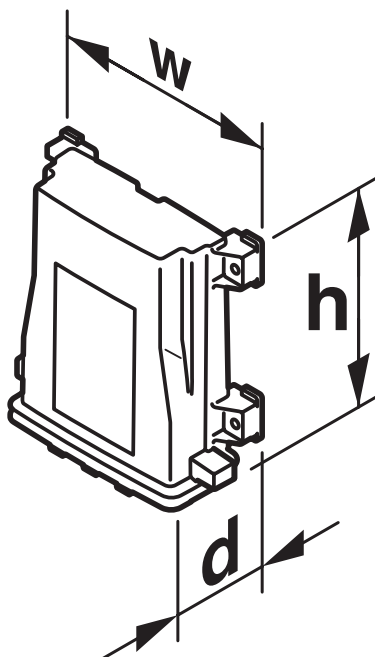
| | |
|----------------------|---------------------|
| Type of packaging | packed in cardboard |
| Outer packaging type | Carton |

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Drawings

Dimensional drawing



Schematic figure for illustrating the item dimensions. The figure is not of the desired product. For further details, refer to the product drawings in the "Downloads" tab.

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27190103 |
| ECLASS-15.0 | 27190103 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001031 |
|-----------|----------|

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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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