



**MOUNTING ISTRUCTIONS
V1.0**

Code: **AWOH406030**

Name: **Metal enclosure with mounting plate
AWOH406030 IP66 400x600x300**



AWOH406030

Edition: 1 from 31.01.2024

1. Destination:

AWOH series of hermetic metal enclosures providing protection against external factors such as water (moisture) and dust (dirt). Appropriate edge design, a cast gasket on the door and metal lock(s) ensure an IP66 rating (IP protection rating).

Enclosure and door are made from 1.2mm thick sheet metal, the mounting plate from 1.5mm sheet metal. This ensures high resistance to mechanical damage - resistance class IK10 (degrees of mechanical strength IK). Enclosures are protected against corrosion and finished with textured epoxy polyester grey paint - RAL7035 (grey structure). Their quality and aesthetically design make them perfectly suitable to modern residential, office and industrial buildings

Hermetic enclosures are available with different sizes. They are designed for a variety of applications in many industries, including:

- security systems - for protecting alarm devices, access control or CCTV monitoring
- industrial automation - for the protection of control and executive devices
- telecommunication installations - to protect equipment and transmission lines
- electrical installations - electrical switching stations, protection of electrical equipment

List of available dedicated accessories for AWOH series metal enclosures:

- pole mounting bracket – AWOH-US...
- cable grommet – AWOH-PM...
- battery holder– AWOH-UA1
- 280mm DIN rail with 2 brackets – AWO269S
- lock cover – AWOH-Z1
- metallic lock – AWOH-K1
- earthing wires set – RPU-Z

Available models:

| Code | Enclosure dimensions W x H x D [+/- 2mm] | Mounting plate dimensions W ₁ x H ₁ [+/- 2mm] | Number of locks | Dedicated accessories | | Accessories |
|------------|---|--|-----------------|-----------------------|---------------|--|
| | | | | Pole mounting bracket | Cable grommet | |
| AWOH252515 | 250 x 250 x 150 | 200 x 215 | 1 | AWOH-US30 | AWOH-PM10A | AWOH-K1 AWOH-Z1 AWOH-UA1 AWO269S RPU-Z |
| AWOH304015 | 300 x 400 x 150 | 250 x 365 | 1 | AWOH-US30 | AWOH-PM10B | |
| AWOH405015 | 400 x 500 x 150 | 350 x 465 | 1 | AWOH-US40 | AWOH-PM10B | |
| AWOH406020 | 400 x 600 x 200 | 350 x 565 | 2 | AWOH-US40 | AWOH-PM25C | |
| AWOH406030 | 400 x 600 x 300 | 350 x 565 | 2 | AWOH-US40 | AWOH-PM25C | |
| AWOH506025 | 500 x 600 x 250 | 450 x 565 | 2 | AWOH-US50 | AWOH-PM25C | |
| AWOH507020 | 500 x 700 x 200 | 450 x 665 | 2 | AWOH-US50 | AWOH-PM25D | |
| AWOH604020 | 600 x 400 x 200 | 550 x 365 | 1 | AWOH-US60 | AWOH-PM25D | |
| AWOH608030 | 600 x 800 x 300 | 550 x 765 | 2 | AWOH-US60 | AWOH-PM25D | |

2. Specifications:

Table 1. mechanical parameters.

| | |
|---|--|
| External dimensions of enclosure | W=400, H=600, D=300 [+/-2 mm] |
| Mounting plate dimensions | W ₁ =350, H ₁ =565 [+/-2 mm] |
| Material | Enclosure and door - sheet, thickness: 1,2mm mounting plate – sheet 1,5mm anticorrosion protection Colour: grey, struktural |
| Closing | 2 x double-bit lock |
| Destination | outdoor |
| Net/gross weight | 13,7 / 14,6 [kg] |
| Notes | changeable door – right or left |
| Declarations, warranty | CE, 1 year |

Table 2. Operating parameters.

| | |
|--|---------------------------------|
| Degree of Protection EN60529 | IP66 |
| Operating temperature | -10°C ...+40°C |
| Storage temperature | -20°C ...+60°C |
| Relative humidity | 20%...90%, without condensation |
| Sinusoidal vibrations during operation | unacceptable |
| Impulse waves during operation | |
| Direct insolation | |
| Vibrations and impulse waves during transport | PN-83/T-42106 |



Fig. 1. View of enclosure.

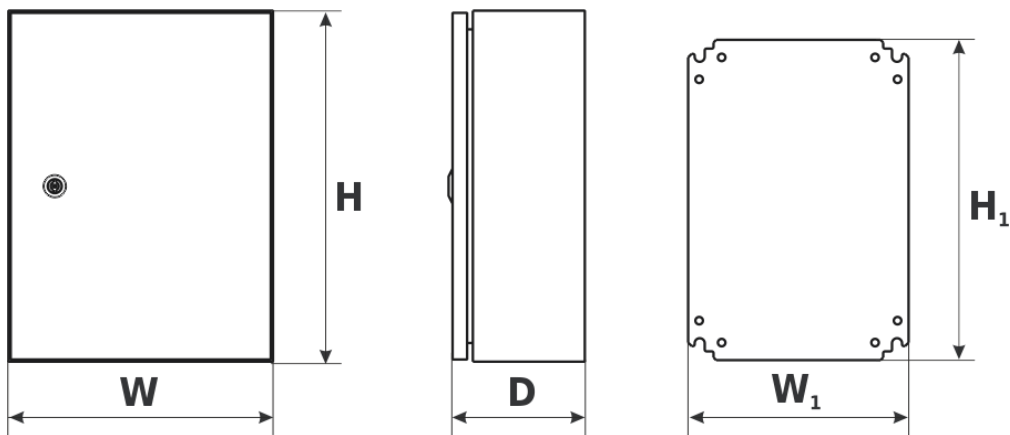


Fig. 2. Dimensions.

3. Accessories dedicated to AWOH enclosures

Lock - **AWOH-K1**



Lock cover - **AWOH-Z1**



Cable grommet - **AWOH-PM25C**



Battery holder - **AWOH-UA1**



DIN rail - **AWO269S**



Grounding wire - **RAPU-Z**



4. Examples of configurations



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