



**MOUNTING ISTRUCTIONS  
V1.0**

Code: **AWOH506025**  
Name: **Metal enclosure with mounting plate  
AWOH506025 IP66 500x600x250**



**AWOH506025**

Edition: 2 from 05.12.2024  
Supersedes 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 – RAPU-Z

Available models:

Code	Enclosure dimensions W x H x D [+/- 2mm]	Mounting plate dimensions W <sub>1</sub> x H <sub>1</sub> [+/- 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 RAPU-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.**

<b>External dimensions of enclosure</b>	W=500, H=600, D=250 [+/-2 mm]
<b>Mounting plate dimensions</b>	W <sub>1</sub> =450, H <sub>1</sub> =565 [+/-2 mm]
<b>Material</b>	Enclosure and door - sheet, thickness: 1,2mm mounting plate – sheet 1,5mm anticorrosion protection Colour: grey, struktural
<b>Closing</b>	2 x double-bit lock
<b>Destination</b>	outdoor
<b>Net/gross weight</b>	14,9 / 15,9 [kg]
<b>Notes</b>	changeable door – right or left
<b>Declarations, warranty</b>	CE, 2 years

**Table 2. Operating parameters.**

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



Fig. 1. View of enclosure.

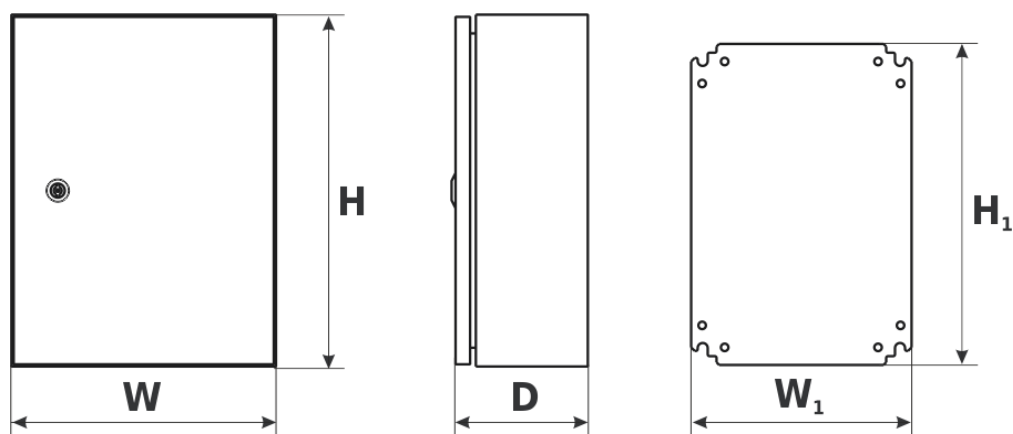


Fig. 2. Dimensions.

### 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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