

## Datasheet

### AH3 Series - 300kg architectural housings

#### Product Description

The AH3 series are part of the CDVI range of architectural housings for 300kg electro-magnetic locks (V3E35R). The housings are available for single or double doors and are installed either vertically or horizontally.

Transom housings provide a smarter finish to the installation of maglocks, and form part of the door frame. Transoms provide a secure fixing for magnets, which is ideal for use in public buildings where safety is important.

For use on inward opening doors, the transom housing fixes to the header above the door, and Z brackets are required to install the armature on the door leaf.

500kg transoms are also available (AH5).



#### Key Features

- Surface mount architectural housing kits
- Horizontal or vertical installation on door frame
- Includes 300kg maglock (V3E35R)
- Aesthetic finish to magnetic locking
- Designed to be easy to install
- RAL colours available on request

 Certification

 DEEE

**RoHS** Certification

 IP54 (maglock)

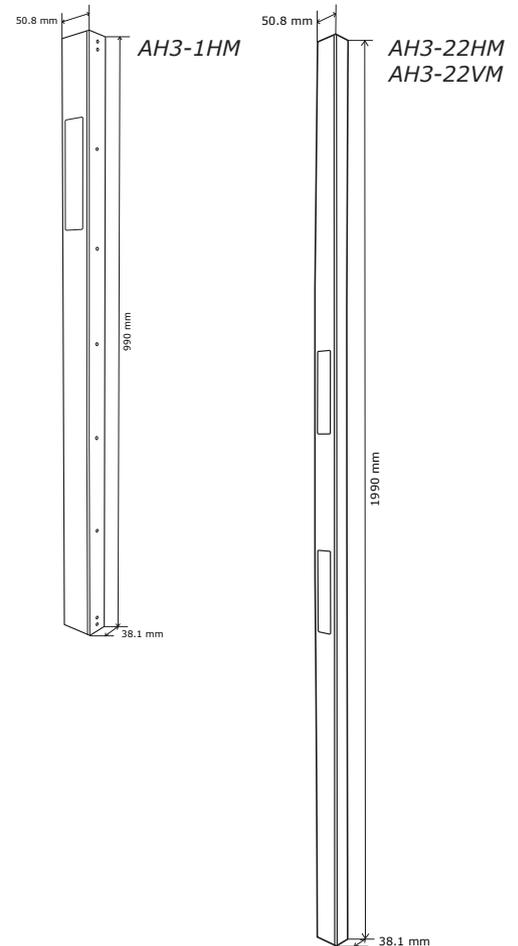
 IK10 (maglock)

 100kg pre-load  
(FR regulation NFS 61-937)

 -25°C to 70°C

## Product Specifications

- Material:** Satin anodised aluminium
- Mounting:** Surface (door frame)
- Lock mode:** Fail safe
- Holding force:** 300kg (per maglock)
- Relays:** 1 (per maglock)
- Weight:**
- AH3-1HM: 2 kg
  - AH3-22H/VM: 3.9 kg
  - Maglock: 1.8 kg
- Dimensions:**
- Maglock: 228 x 35.5 x 24.5 mm
  - Armature plate: 185 x 38 x 11 mm



## Electrical Specifications

- Power input:** 12-24Vdc
- Consumption:** 480mA @ 12Vdc (per maglock)  
240mA @ 24Vdc (per maglock)

## Accessories



**V3E35R**

Transom magnet for AH3 series



**AH3-1L**

L-bracket for AH3-1HM housing



**AH3-2L**

L-bracket for AH3-22 brackets

## Range References

- |              |          |   |
|--------------|----------|---|
| E0901D000561 | AH3-1HM  | 1-metre architectural housing for single door, 1 x 300kg maglock, horizontal installation   |
| E0901D000562 | AH3-22HM | 2-metre architectural housing for double doors, 2 x 300kg maglocks, horizontal installation |
| E0901D000563 | AH3-22VM | 2-metre architectural housing for single door, 2 x 300kg maglocks, vertical installation    |