Engineered Solutions | AEC-AMC2-UL01 AMC enclosure with 1 DIN rail

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Easy-to-install steel enclosure
UL 294 system certified
1 DIN rail system for easy mounting and replacement
For installation of one AMC2 controllers or one AMC2 extension board, one power supply unit and two batteries

This enclosure has been produced in accordance with UL guidelines and is used for securely mounting and housing an AMC2 and a power supply unit.

System overview

The AMC2 enclosure is designed for indoor wall mounting. It ensures a secure installation and housing of one AMC2 or one AMC2 extension board, one power supply unit and two batteries. The steel housing includes an LED for power indication, a tamper contact and pre-stamped knock-outs.

Installation/configuration notes

The external dimensions and the securing screw holes are shown in this diagram:

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<thead>
<tr>
<th>Parts included</th>
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<tr>
<td><strong>Quantity</strong></td>
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### Technical specifications

#### Mechanical

- **Mounting**: Wall mount
- **Dimensions (H × W × D)**: 323 mm × 411 mm × 88 mm (12.7 in. × 16.2 in. × 3.5 in.)
- **Weight**: 5.3 kg (11.7 lb.)
- **Color**: White
- **IP code**: 30

### Ordering information

**AEC-AMC2-UL01 AMC enclosure with 1 DIN rail**
Compliant with UL294 system certification for AMC2. Order number AEC-AMC2-UL01

**Accessories**

- **APC-AMC2-2WCF Door controller WI, 2 readers**
  Two Wiegand interfaces for up to 2 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Order number APC-AMC2-2WCF

- **ADS-AMC2-2WCF Door controller WI, 2 readers**
  Available in China only. Two Wiegand interfaces for up to 2 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Order number ADS-AMC2-2WCF

- **APC-AMC2-4WCF Door controller Wiegand with CF card**
  Four Wiegand interfaces for up to 4 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Order number APC-AMC2-4WCF

- **ADS-AMC2-4WCF Door controller Wiegand with CF card**
  Available in China only. Four Wiegand interfaces for up to 4 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Order number ADS-AMC2-4WCF

- **APC-AMC2-4R4CF Door controller RS485 with CF card**
  Four RS-485 interfaces for up to 8 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Reader data transfer encrypted according to reader capabilities. Order number APC-AMC2-4R4CF

- **ADS-AMC2-4R4CF Door controller RS485 with CF card**
  Available in China only. Four RS-485 interfaces for up to 8 card readers, network connection to the host system and Compact Flash memory (2 GB). Host data transfer encrypted. Reader data transfer encrypted according to reader capabilities. Order number ADS-AMC2-4R4CF

- **API-AMC2-8IOE Extension board with 8-input 8-output**
  8 input/output extension board, up to three per AMC, can be combined with the AMC2 16i-EXT and the AMC2 2i-8O-EXT. Order number API-AMC2-8IOE

- **ADS-AMC2-8IOE Extension board with 8-input 8-output**
  Available in China only. 8 input/output extension board, up to three per AMC, can be combined with the AMC2 16i-EXT and the AMC2 2i-8O-EXT. Order number ADS-AMC2-8IOE

- **API-AMC2-16IOE Extension board with 16-input 16-output**
  16 input/output extension board, up to three per AMC, can be combined with the AMC2 16i-16O-EXT and the AMC2 8i-8O-EXT. Order number API-AMC2-16IOE

- **ADS-AMC2-16IOE Extension board with 16-input 16-output**
  Available in China only. 16 input/output extension board, up to three per AMC, can be combined with the AMC2 16i-16O-EXT and the AMC2 8i-8O-EXT. Order number ADS-AMC2-16IOE

- **API-AMC2-16IE Extension board with 16-input**
  16 input extension board, up to three per AMC, can be combined with the AMC2 16i-16O-EXT and the AMC2 8i-8O-EXT. Order number API-AMC2-16IE

- **ADS-AMC2-16IE Extension board with 16-input**
  Available in China only. 16 input extension board, up to three per AMC, can be combined with the AMC2 16i-16O-EXT and the AMC2 8i-8O-EXT. Order number ADS-AMC2-16IE

- **API-AMC2-4WE Door controller Wiegand extension**
  The extension module AMC2 4W-EXT is equipped with four Wiegand type reader-interfaces plus eight inputs and eight outputs. Hence with the AMC2 4W-EXT it is possible to double the number of readers on an AMC2 4W from 4 to 8. Order number API-AMC2-4WE
**ADS-AMC2-4WE Door controller Wiegand extension**  
Available in China only.  
The extension module AMC2 4W-EXT is equipped with four Wiegand type reader-interfaces plus eight inputs and eight outputs. Hence with the AMC2 4W-EXT it is possible to double the number of readers on an AMC2 4W from 4 to 8.  
Order number **ADS-AMC2-4WE**

**API-AMC2-16ION Standalone controller for BIS with OPC**  
Standalone controller with inputs and outputs only. Compatible with BIS in combination with OPC Server only.  
Order number **API-AMC2-16ION**

**ADS-AMC2-16ION Standalone controller for BIS with OPC**  
Available in China only.

**APS-PSU-60 Power supply unit**  
A power supply unit with an integrated battery charging device, that supports 12 V/7 Ah, 12 V/14 Ah and 24 V/7 Ah batteries, with selectable 12 VDC or 24 VDC voltage output.  
Order number **APS-PSU-60**

**D126 Battery, 12V 7Ah**  
A rechargeable sealed lead-acid power supply used as a secondary power supply or in auxiliary or ancillary functions.  
Order number **D126**