

## ADM230X-HPA Input Converter / Repeater

- Amelec standard 2 year warranty
- Suitable for SIL Level 1, 2 (IEC 61508-2)

### TECHNICAL SPECIFICATION

#### INPUT

**Any AC/ DC Current range can be specified in the range of: 1 to 5A ac / dc.**

Typical Input: 0 - 1Aac 50Hz

#### OUTPUT

**Any AC/ DC Current range can be specified in the range of: 1A to 5A ac / dc.**

Typical Output: 0 - 1Aac 50Hz @ up to 3V drive.

#### SUPPLY

Supply: 24Vdc +/- 10% @ 1.3A

#### INDICATOR

Power ON: LED, Amber.

#### PERFORMANCE

Temp co-efficient: 200ppm

Linearity: < ±0.1%

Response time: Typically < 10mS

Accuracy: < ±0.1%

Supply regulation: ± 10%

Supply consumption: <15VA max

#### PROTECTION

2A fuse located under unit externally (O/P + Supply).

O/P fuse nearest to the front plate.

I/P fuse furthest to the front plate.

Isolation 1000V DC: Input/Output/ Supply/Earth

300% input over range protection

#### TERMINATION

Input AC	1
Input AC	2
Output AC	3
Output AC	4
Supply +	5
Supply -	6
	7
	8
	9
	10
- (O/P & Supply)	11
+ 24V Supply	12

#### FRONT VIEW



Illustration only

**WIRING:** 45 deg, screw terminal, 12 – 26 AWG / 250VDC / 16A

#### ENVIRONMENTAL CONDITION

Storage temperature: - 40 to +70 °C

Operating Ambient: -15 to +55 °C

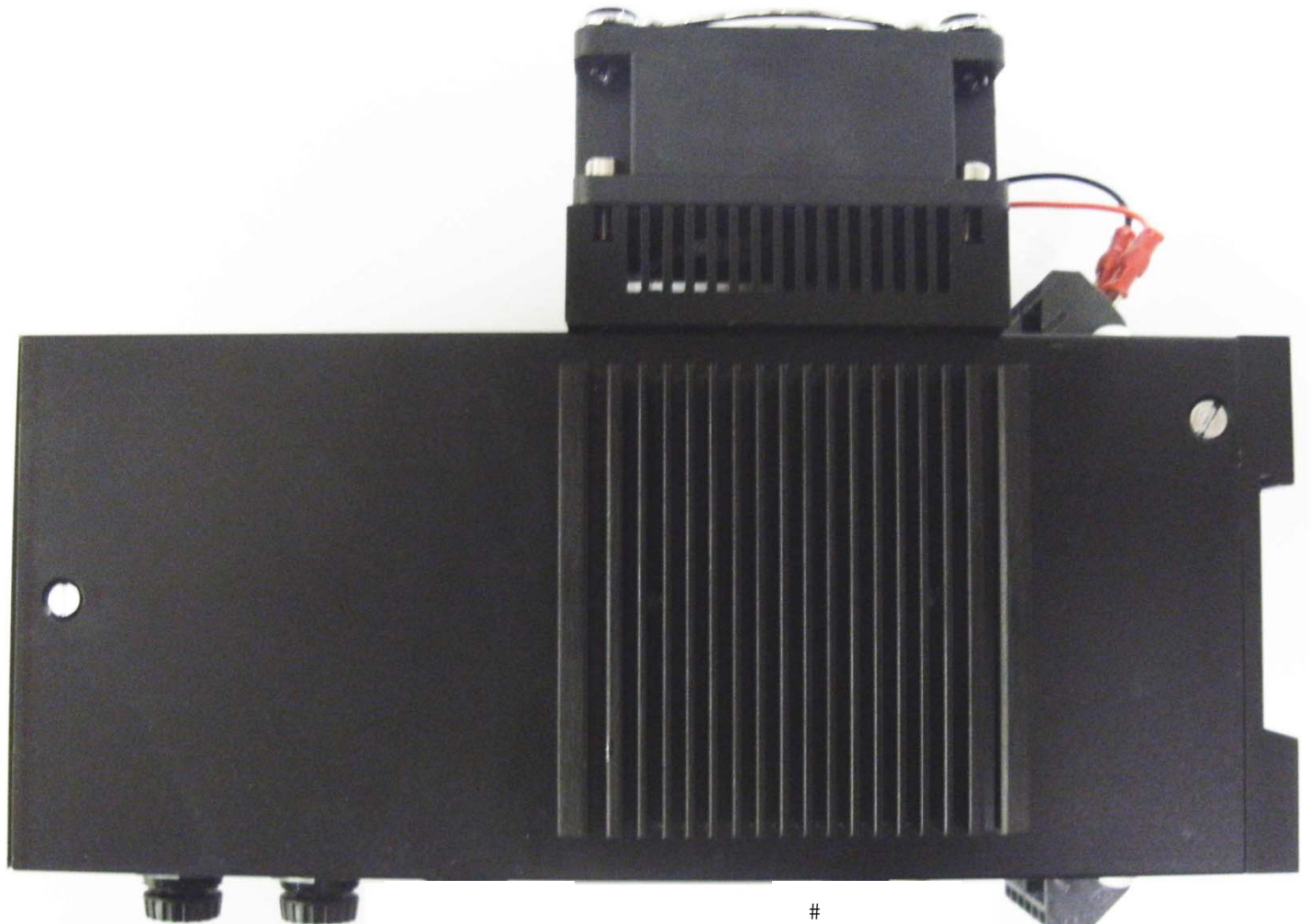
Relative Humidity: 5 to 95% RH

#### MOUNTING / DIMENSION

Enclosure: 83w x 132h x 182d

Mounting: 35mm Din rail (optional Surface /Panel Mount)

Weight < 500g



FS1

FS2

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TB1 to 6