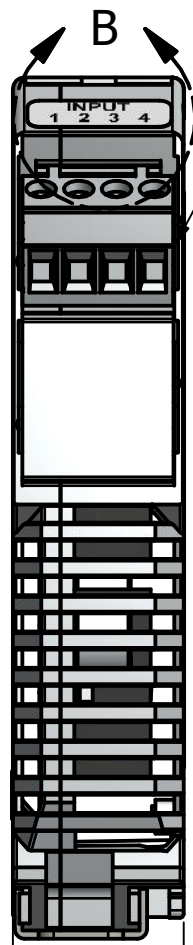
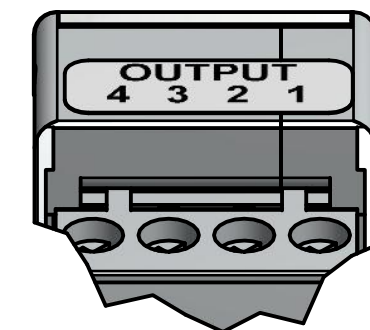


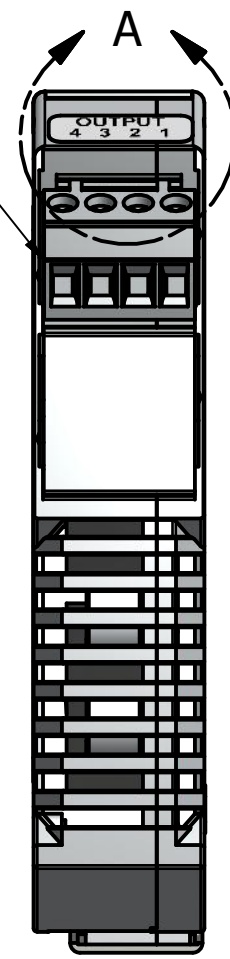
**DETAIL B**  
pin assignments



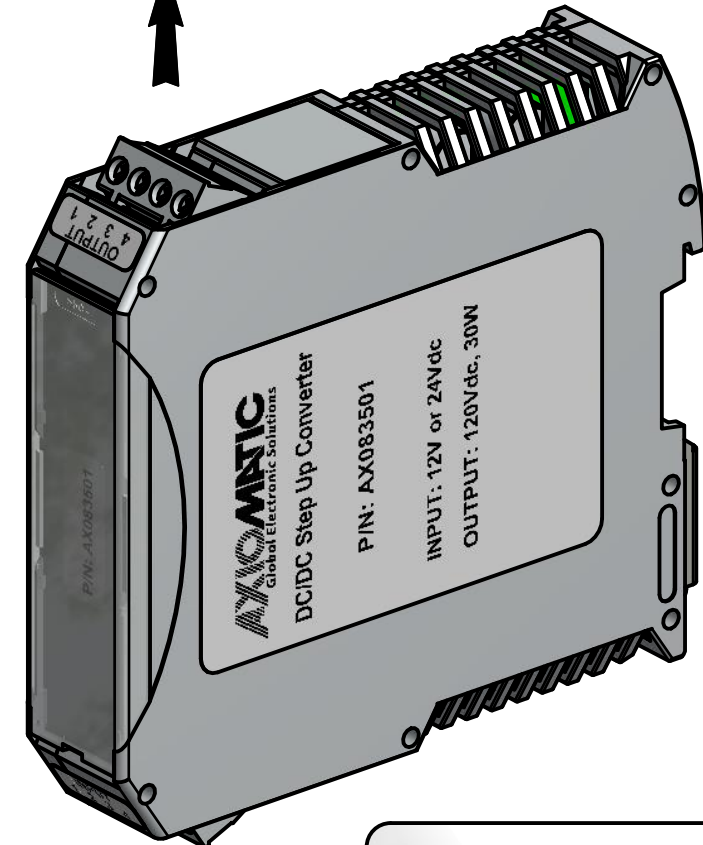
**connector J1**  
pin 1: GND P  
pin 2: VIN +  
pin 3: GND P  
pin 4: VIN +



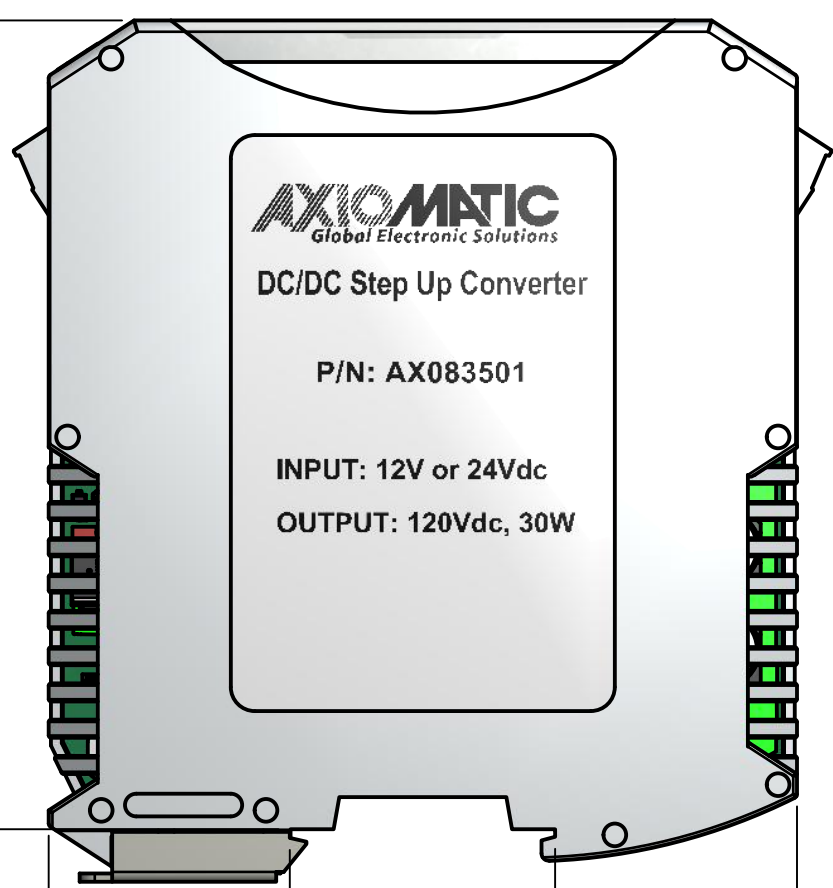
**DETAIL A**  
pin assignments



**connector J2**  
pin 1: 120V+  
pin 2: 120V+  
pin 3: 120V-  
pin 4: 120V-



4.213 in  
[107.00 mm]



**AXIOMATIC**  
Global Electronic Solutions  
**DC/DC Step Up Converter**  
P/N: AX083501  
INPUT: 12V or 24Vdc  
OUTPUT: 120Vdc, 30W

0.890 in  
[22.60 mm]

35 mm DIN rail  
3.898 in  
[99.00 mm]

P/N: AX083501  
**top label**

INPUT  
1 2 3 4  
**input label**

OUTPUT  
4 3 2 1  
**output label**

**AXIOMATIC**  
Global Electronic Solutions  
**DC/DC Step Up Converter**  
P/N: AX083501  
INPUT: 12V or 24Vdc  
OUTPUT: 120Vdc, 30W  
**unit label**

TOLERANCES			
fabrication		machining	
X.XXX	+/- 0.015	X.XXX	+/- 0.005
X.XX	+/- 0.031	X.XX	+/- 0.010
X.X	+/- 0.031	X.X	+/- 0.015
fractional	+/- 0.031	fractional	+/- 0.031

MATERIAL  
polyamide  
molded housing,  
UL94V0

DRAWN  
TF  
DATE  
12/11/2018

TITLE  
24VDC-120VDC step up DC Converter,  
30W

DWG REV D1	DWG NO AX083501-MD	PART REV 1
SCALE full	PART NO AX083501	SHEET 1 of 1

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