



Hale Products, Inc. Service Bulletins

Bulletin#: SB114

Revision#: A

Date: 12-21-2011

Product Type Covered: Hale Pump ☒ Class 1 ☒

Product Covered:

24VDC – 12VDC Electrical Power Converters

Problem Statement:

Hale's current line of MIVs, EZ-Fills and SVS valves are only available for 12 VDC electrical systems. Two 24VDC - 12VDC electrical converter boxes will be available from Hale to resolve this issue.

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Body of the Bulletin

The current product line of Hale MIVs, EZ-Fills and SVS valves are available only for 12VDC electrical systems. Current customers who wish to use a 24VDC system are required to supply their own electrical converter box to convert the trucks 24VDC system to a 12VDC output to be used with these products.

Hale will now supply two different 24VDC – 12VDC electrical converter boxes that can be purchased for use with these applications:

200-1500-00-0	24VDC - 12VDC Converter, 20 AMP
200-2391-00-0	24VDC - 12VDC Converter, 50 AMP

The 20 AMP converter box should be used with single valve systems while the 50 AMP box is available for multiple valve systems.

The converter boxes require a 22VDC – 35VDC input voltage for proper operation and produce a 12.8VDC output voltage. The apparatus builder is responsible for selecting the appropriate size power and ground connection wires for the specific application. The wiring instructions supplied with the power converter should be followed to ensure proper installation.

The converter boxes features solid state circuitry, reverse polarity protection, overvoltage protection and corrosion-resistant cases so they can withstand the severe environments of heavy duty applications. Approximate unit weights are 5.0 pounds.

Below are the typical overall dimensions and mounting dimensions for 200-1500-00-0 converter box. Mounting dimensions are similar for 200-2391-00-0 but overall length is approximately 4.00 inches greater.

