Product Bulletin

March 5, 2020

PRODUCT NAME: V-MUX 8X16 Input/Output Node
AKRON PART NUMBER: 6030-2000-00

All orders for 6030-0000-00 V-MUX 8x16 I/O Node and 6030-0000-01 V-MUX 8x16 HV Node will now be fulfilled by the upgraded module 6030-2000-00. The 6030-0000-00 and 6030-0000-01 nodes had internal components that were end of life and no longer available for purchase.

As part of these upgrades, a more powerful processor and a CAN port were added. This expanded the capabilities of the node to support the next generation of multiplexing, including support for both V-MUX and ES-Key products.

The enclosure was also upgraded to provide better sealing and protection against water intrusion. The mounting and external enclosure were not modified.

6030-2000-00 nodes are backward compatible with the 6030-0000-00 and 6030-0000-01 nodes, but an update to the V-MUX System Designer is required to program the new 6030-2000-00. The new OS has been created vm6030x2.bin, which is released as version 1. The 6030-2000-00 8x16 with CAN requires updated software to be used:

V-MUX System Designer v1.9.2 or later
V-MUX Diagnostics v1.4.4 or later
V-MUX Downloader v6.2.5 or later
6030 OS – VM6030X2 v1.0 or later

Software updates are available at www.weldoninc.com

FEATURES

- Upgraded Processor and memory to enhance V-MUX and integrate Es-Key capability
- Backward compatible with the current system
- Improved sealing to provide better water intrusion protection
- Addition of a CAN port

PRODUCT DETAIL

V-MUX® is a Vehicle Multiplex System that offers tremendous flexibility to the OEM. Utilizing from 1 to 32 nodes, the OEM can build their entire electrical system from the ground up. Integrate standalone sub-systems such as door interlocks, climate control, and voltage monitoring. The V-MUX System Designer™ software gives you the flexibility to use any input or output the way you need to. Don't be held hostage by companies providing "custom programming" that require you to rely on them for changes. With V-MUX®, you have Self Reliant Programming at your fingertips.

Contact Customer Care: 800.228.1161
or your Akron Representative for further details

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WELDON
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LIST PRICE (US Dollars, FCA Free Carrier Our Dock, Wooster, OH USA Incoterms® 2010)

Style #	Description	$Price
6030-2000-00	V-MUX 8x16 I/O Node	$1,132

AVAILABILITY

- Now accepting orders
- Shipping MARCH 05 2020
- Three weeks lead time

SPECIFICATION

6 Digital inputs (GND or VBATT)

2 Inputs (0-5V) (Digital or Analog)

14 Outputs (VBATT)

2 Outputs (GND)

9-32V Operating voltage

1 CAN PORT

V-MUX RS-485 port

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