

# VMEbus J2 Backplane



The nVent SCHROFF VMEbus Backplanes have outstanding high-frequency noise suppression and very high MTBF values due to ceramic capacitors and SMD fabrication technology.

## CERTIFICATIONS



## FEATURES

In accordance with ANSI/VITA 1-1994 VME64 standard

3 U with J2 plane

Connection or isolation between the digital GND and chassis GND can be changed via screw

Termination passive

Supply voltages can be provided via powerbugs (ring tag M4) or FASTONs

Multiple backplanes can be placed side by side without loss of slot space

## SPECIFICATIONS

Table 1/2

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|----------------|-------------|------------|
| 23001-051      | Backplane    | 21              | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-046      | Backplane    | 16              | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-040      | Backplane    | 10              | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-036      | Backplane    | 6               | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-035      | Backplane    | 5               | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |

| Catalog Number | Product Type | Number of Slots | Rack Height | Backplane Type | System Slot | Slot Width |
|----------------|--------------|-----------------|-------------|----------------|-------------|------------|
| 23001-034      | Backplane    | 4               | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-033      | Backplane    | 3               | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |
| 23001-032      | Backplane    | 2               | 3U          | VMEbus, J2     | Slot 1 Left | 4HP        |

Table 2/2

| Catalog Number | Connector Type | Power Connector Type         | Height  | Width   | Package Quantity |
|----------------|----------------|------------------------------|---------|---------|------------------|
| 23001-051      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 425.3mm | 1                |
| 23001-046      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 321.3mm | 1                |
| 23001-040      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 199.2mm | 1                |
| 23001-036      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 120.5mm | 1                |
| 23001-035      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 100.2mm | 1                |
| 23001-034      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 79.8mm  | 1                |
| 23001-033      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 59.7mm  | 1                |
| 23001-032      | DIN 41612, C96 | Power Bugs for M4 Cable Lugs | 128.5mm | 40.4mm  | 1                |

## ADDITIONAL PRODUCT DETAILS

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Other configurations available on request.

## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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