

# VMEbus J1/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

Monolithic backplane, 6 U with J1 and J2 plane

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

Termination active/passive, switchable via jumpers; passive termination preset

Electronic automatic daisy chain (EDC)

Supply voltages provided via power bugs (ring tag M4) or FASTON

## SPECIFICATIONS

Table 1/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23001-081	Backplane	21	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-080	Backplane	20	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-072	Backplane	12	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23001-070	Backplane	10	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-069	Backplane	9	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-068	Backplane	8	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-067	Backplane	7	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-066	Backplane	6	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-065	Backplane	5	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-064	Backplane	4	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP
23001-063	Backplane	3	6U	VMEbus, J1/J2, with EDC	Slot 1 Left	4HP

Table 2/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Height	Width	Package Quantity
23001-081	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	425.3mm	1
23001-080	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	263.4mm	405mm	1
23001-072	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	242.4mm	1
23001-070	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	201.8mm	1
23001-069	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	263.4mm	181.4mm	1
23001-068	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	161.1mm	1
23001-067	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	140.8mm	1
23001-066	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	120.5mm	1

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Height	Width	Package Quantity
23001-065	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	100.2mm	1
23001-064	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	79.8mm	1
23001-063	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	263.4mm	59.5mm	1

## ADDITIONAL PRODUCT DETAILS

Other configurations available on request.

## WARNING

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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