

VMEbus J1 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 J1 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
23001-001	Backplane	1	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-021	Backplane	21	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-020	Backplane	20	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23001-018	Backplane	18	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-017	Backplane	17	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-015	Backplane	15	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-012	Backplane	12	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-010	Backplane	10	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-009	Backplane	9	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-008	Backplane	8	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-007	Backplane	7	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-006	Backplane	6	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-005	Backplane	5	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-004	Backplane	4	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-003	Backplane	3	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP
23001-002	Backplane	2	3U	VMEbus, J1, with EDC	Slot 1 Left	4HP

Table 2/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Height	Width	Package Quantity
23001-001	DIN 41612, C96	Fastons 6.3 x 0.8 mm		128.5mm	20.2mm	1
23001-021	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	425.3mm	1
23001-020	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	405mm	1
23001-018	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	364.3mm	1

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Height	Width	Package Quantity
23001-017	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	341.4mm	1
23001-015	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	303.4mm	1
23001-012	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	242.4mm	1
23001-010	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	199.2mm	1
23001-009	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	181.4mm	1
23001-008	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	161.1mm	1
23001-007	DIN 41612, C96	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin, 5-pin Header	128.5mm	140.8mm	1
23001-006	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	120.5mm	1
23001-005	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	100.2mm	1
23001-004	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	79.8mm	1
23001-003	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	128.5mm	59.7mm	1
23001-002	DIN 41612, C96	Fastons 6.3 x 0.8 mm	MicroMatch, 8-pin	128.5mm	39.1mm	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 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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