

VME64x Backplane



The nVent SCHROFF VME64x 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, ANSI/VITA 1.1-1997 VME64 Extension Standard, ANSI/VITA 1.5-2003 VME2eSST Specification, ANSI/VITA 1.7-2003 Increased Current Level, ANSI/VITA 38 System Management on VME

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 passive

Electronic automatic daisy chain (EDC)

Supply voltages can be applied via powerbugs (ring tag M4) or FASTON

Utility connector for status signals

Connector for additional voltages V1/V2

System management bus (SMB) connector in accordance with VITA38

SPECIFICATIONS

Table 1/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
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23001-532	Backplane	2	6U	VME64x with EDC	Slot 1 Left	4HP
23001-504	Backplane	4	6U	VME64x with EDC	Slot 1 Left	4HP
23001-505	Backplane	5	6U	VME64x with EDC	Slot 1 Left	4HP
23001-506	Backplane	6	6U	VME64x with EDC	Slot 1 Left	4HP
23001-507	Backplane	7	6U	VME64x with EDC	Slot 1 Left	4HP
23001-508	Backplane	8	6U	VME64x with EDC	Slot 1 Left	4HP
23001-510	Backplane	10	6U	VME64x with EDC	Slot 1 Left	4HP
23001-511	Backplane	11	6U	VME64x with EDC	Slot 1 Left	4HP
23001-512	Backplane	12	6U	VME64x with EDC	Slot 1 Left	4HP
23001-503	Backplane	3	6U	VME64x with EDC	Slot 1 Left	4HP
23001-515	Backplane	15	6U	VME64x with EDC	Slot 1 Left	4HP
23001-516	Backplane	16	6U	VME64x with EDC	Slot 1 Left	4HP
23001-520	Backplane	20	6U	VME64x with EDC	Slot 1 Left	4HP
23001-521	Backplane	21	6U	VME64x with EDC	Slot 1 Left	4HP
23001-533	Backplane	3	6U	VME64x with EDC	Slot 1 Left	4HP
23001-534	Backplane	4	6U	VME64x with EDC	Slot 1 Left	4HP
23001-535	Backplane	5	6U	VME64x with EDC	Slot 1 Left	4HP
23001-536	Backplane	6	6U	VME64x with EDC	Slot 1 Left	4HP
23001-502	Backplane	2	6U	VME64x with EDC	Slot 1 Left	4HP
23001-537	Backplane	7	6U	VME64x with EDC	Slot 1 Left	4HP

Table 2/2

Catalog Number	Product Type	Number of Slots	Rack Height	Backplane Type	System Slot	Slot Width
23001-538	Backplane	8	6U	VME64x with EDC	Slot 1 Left	4HP
23001-540	Backplane	10	6U	VME64x with EDC	Slot 1 Left	4HP
23001-541	Backplane	11	6U	VME64x with EDC	Slot 1 Left	4HP
23001-542	Backplane	12	6U	VME64x with EDC	Slot 1 Left	4HP
23001-545	Backplane	15	6U	VME64x with EDC	Slot 1 Left	4HP
23001-546	Backplane	16	6U	VME64x with EDC	Slot 1 Left	4HP
23001-550	Backplane	20	6U	VME64x with EDC	Slot 1 Left	4HP
23001-551	Backplane	21	6U	VME64x with EDC	Slot 1 Left	4HP

Table 1/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23001-532	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.1mm	1
23001-504	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	79.8mm	1
23001-505	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.2mm	1
23001-506	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	120.5mm	1
23001-507	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	140.8mm	1
23001-508	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.1mm	1
23001-510	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	201.8mm	1
23001-511	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	222mm	1
23001-512	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	242.4mm	1
23001-503	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	59.5mm	1

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23001-515	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	303.4mm	1
23001-516	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	323.7mm	1
23001-520	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	405mm	1
23001-521	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	425.3mm	1
23001-533	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	59.5mm	1
23001-534	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	79.8mm	1
23001-535	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	100.2mm	1
23001-536	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	120.5mm	1
23001-502	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	39.1mm	1
23001-537	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	140.8mm	1

Table 2/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Width	Package Quantity
23001-538	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	161.1mm	1
23001-540	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	201.8mm	1
23001-541	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	222mm	1
23001-542	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	242.4mm	1
23001-545	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	303.4mm	1
23001-546	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	323.7mm	1
23001-550	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	405mm	1
23001-551	DIN 41612, VME64x	Power Bugs for M4 Cable Lugs	SMCQ, 12-pin	425.3mm	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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