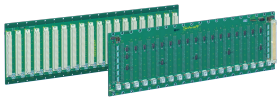
We connect and protect

VMEbus ADC / MDC 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.

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
- Automatic daisy chain (ADC)
- 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
23001-103	Backplane	3	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-104	Backplane	4	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-105	Backplane	5	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-106	Backplane	6	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-110	Backplane	10	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP

CatalogNumber	Product Type	Number ofSlots	Rack Height	BackplaneType	System Slot	Slot Width
23001-112	Backplane	12	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-113	Backplane	13	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-120	Backplane	20	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-121	Backplane	21	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP
23001-109	Backplane	9	3U	VMEbus, J1, with ADC	Slot 1 Left	4HP

Table 2/2

Catalog Number	Connector Type	Power Connector Type	Utility Connector Type	Package Quantity	Quick Ship
23001-103	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-104	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-105	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-106	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-110	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-112	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-113	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-120	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-121	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No
23001-109	DIN 41612, C96	Power Bugs for M4 Cable Lugs	MicroMatch, 8-pin, 5-pin Header	1	No

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.

North America
All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

Europe
Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia
Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India
Dubai, United Arab Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
Istanbul, Turkey
+90.216.250.7374
Chat with us:
nvent.com/schroff

Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

©2025 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.

This document is system-generated.