VMIACC-BT03

Dual 96-pin Transition Panel with Bussed Ground

- Converts two 96-pin DIN connectors to lift clamp terminal blocks
- Directly compatible with
  - VMIVME-1128
  - VMIVME-2128
  - VMIVME-3113A
  - VMIVME-3118
  - VMIVME-3122
- EIA standard RS-310C 19-inch rack mountable in 2U space

INTRODUCTION — The VMIACC-BT03 provides a compact, cost-effective transition between field wiring and VMIC I/O boards. Lift clamp style terminal blocks are provided for attachment of field wiring while two 96-pin DIN connectors are provided for connection to I/O boards. Mass-terminated flat cables may be used to connect between the transition panel and the I/O boards. Figure 1 is a dimensional outline drawing of the VMIACC-BT03 while Figure 2 is a functional block diagram of the product.

FUNCTIONAL CHARACTERISTICS

Width: 19 inch

Height: 3.5 inch (2U)

Depth: 1.25 inch

Weight: 1.8 lb

TERMINAL BLOCK MATERIALS

Body: Noryl SE 100, light grey similar RAL 7035

Clamp: Steel, galvanized, and chromated

Screw: M2.6 steel

Maximum Wire Diameter: Solid wired up to 4 mm^2 (12 to 22 AWG). Fine stranded wired up to 2.5 mm^2 (14 to 22 AWG), multicore cable end up to 2.5 mm^2.

ELECTRICAL DATA

The ampacity of the transition panel is limited by the DIN connector pins of 1.25 A per pin.

The ampacity of the transition panel printed circuit board copper is 6 A AC/DC.

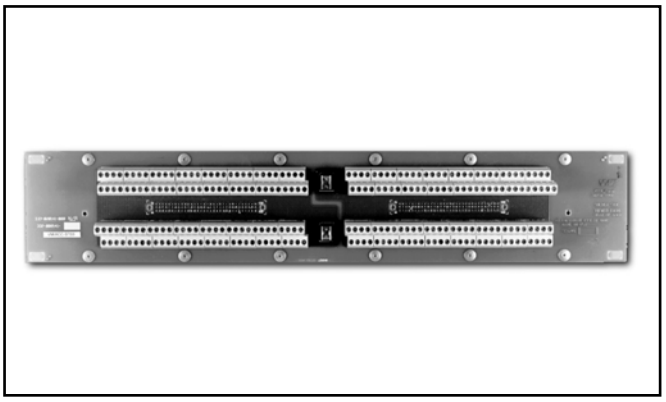
The powerpacity of the connecting terminals must not exceed 250 W per connector.
The voltage limit of the transition panel printed circuit board is 48 V AC/DC not to exceed 250 W per circuit.

CONNECTOR DATA

Compatible Connector: ERNI No. 913.031

Strain Relief: ERNI No. 913.049

PC Board Connector: ERNI No. 913.216



TRADEMARKS

Ordering Options								
March 2, 1994 800-000141-000 A		A	B	C	–	D	E	F
VMIACC-BT03	–	0	0	0	–			
ABC = 000 (Options reserved for future use)								

For Ordering Information, Call:
1-800-322-3616 or 1-256-880-0444 • FAX (256) 882-0859
E-mail: info@vmic.com Web Address: www.vmic.com

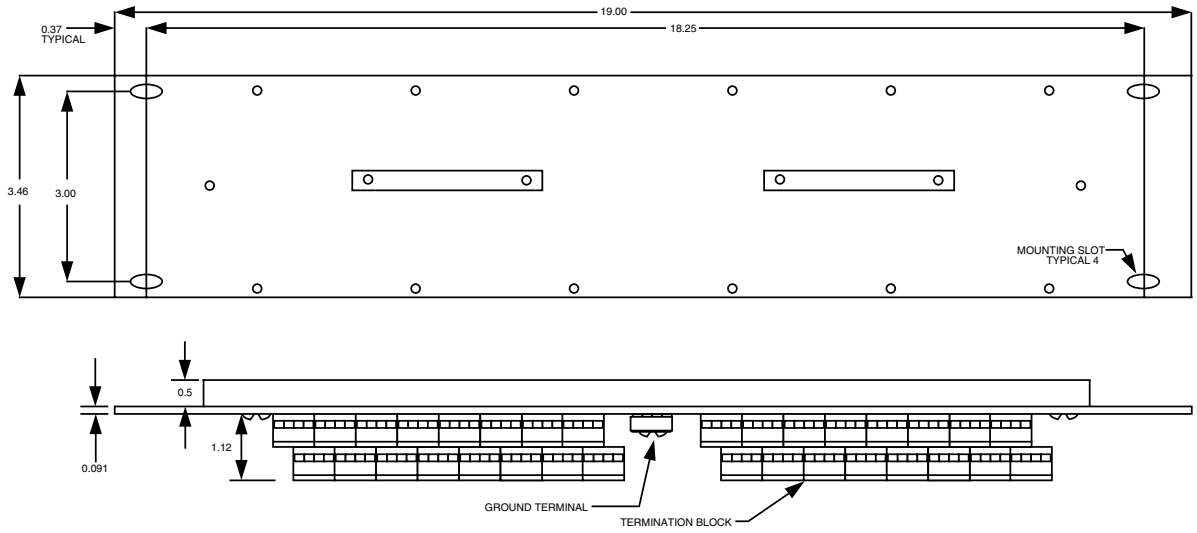


Figure 1. VMIACC-BT03 Dual 96-pin Transition Panel with Bussed Ground

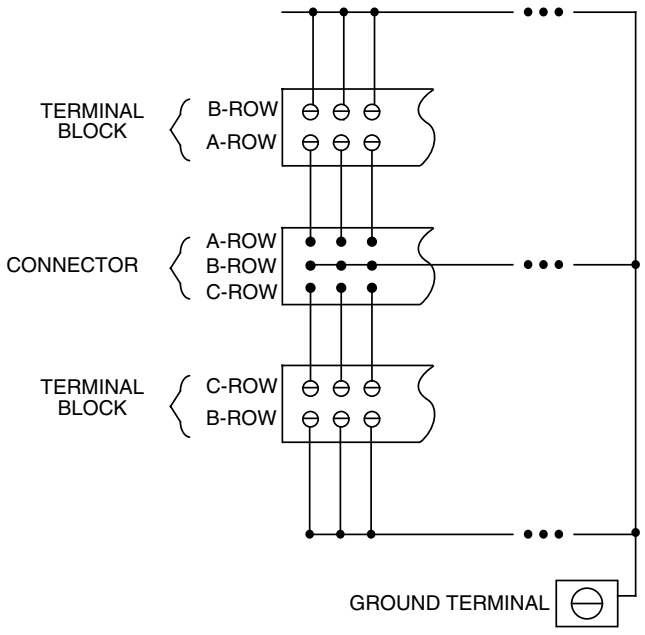


Figure 2. Functional Block Diagram