DIN Rail Transition Module for Euro-DIN C 64-Pin, C 96-Pin, and C/2 32-Pin Connectors

- DIN rail mount (15 or 35 mm)
- Interconnects VMIC's I/O boards with field wiring
- Provides easy-to-use lift clamp terminal blocks
- High-density design reduces cabinet space
- Accepts 24 to 12 AWG
- Fits standard DIN rails
- Interfaces with most VMIC I/O boards via mass-terminated cables
- IEC 664/IEC 664 A/DIN VDE; DIN VDE 0160 (in parts) compliant

INTRODUCTION — The VMIACC-BT10 DIN rail transition module provides a high-density, Euro-DIN C connector to three-level terminal transition in an easy-to-use DIN rail mount form factor. As shown in Figure 1, the VMIACC-BT10 simplifies field wiring interfaces by providing convenient lift clamp-style terminals while preserving the space efficiency of a pin-and-socket I/O board interface. I/O boards and transition modules can be interconnected by either cost-effective mass-terminated flat cables, or by specialty cables as the application demands. The following VMIC I/O boards are directly compatible with these modules.

COMPATIBLE I/O BOARDS

VMIVME-1101	VMIVME-2200	VMIVME-3128
VMIVME-1110	VMIVME-2210	VMIVME-3413
VMIVME-1111	VMIVME-2510B	VMIVME-3417A
VMIVME-1128	VMIVME-2511	VMIVME-3418
VMIVME-1129	VMIVME-2528	VMIVME-3419
VMIVME-1130	VMIVME-2131	VMIVME-3451
VMIVME-1150	VMIVME-2532A	VMIVME-3456
VMIVME-1160A	VMIVME-2533	VMIVME-3457
VMIVME-1182	VMIVME-2536	VMIVME-3459
VMIVME-2120	VMIVME-2540	VMIVME-4140
VMIVME-2127	VMIVME-3113A	
VMIVME-2128	VMIVME-3118	
VMIVME-2131	VMIVME-3122	
VMIVME-2170A	VMIVME-3126A	

COMPATIBLE I/O CABLES

Number of Pins	Connector Type	Cable
64 pin	IDC	VMIVME-000-64-xxx
96 pin	IDC	VMIVME-000-96-xxx
C/2 32 pin	IDC	VMIVME-000-32-xxx

ELECTRICAL DATA

The ampacity of the transition panel is limited by the DIN connectors of 1 A per terminal.

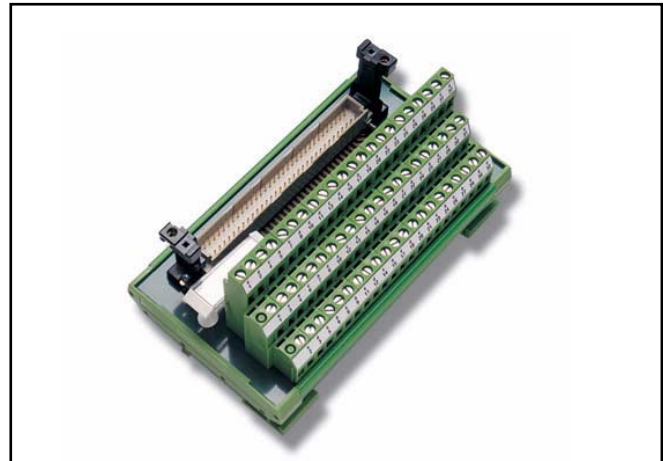**Maximum Current:** 1 A per terminal

Maximum Voltage: 125 VAC

PHYSICAL CHARACTERISTICS

Width: 6.65 in. (C 96), 5.321 in. (C 64 and C/2 32)

Height: 3.03 in.

Depth: 2.73 in. (mounted)

Screw: M3

Maximum Wire Diameter: Solid wired from 0.2 to 4 mm (12 to 22 AWG). Fine stranded wire from 0.2 to 2.5 mm^2 (12 to 24 AWG).

TERMINAL BLOCK MATERIALS

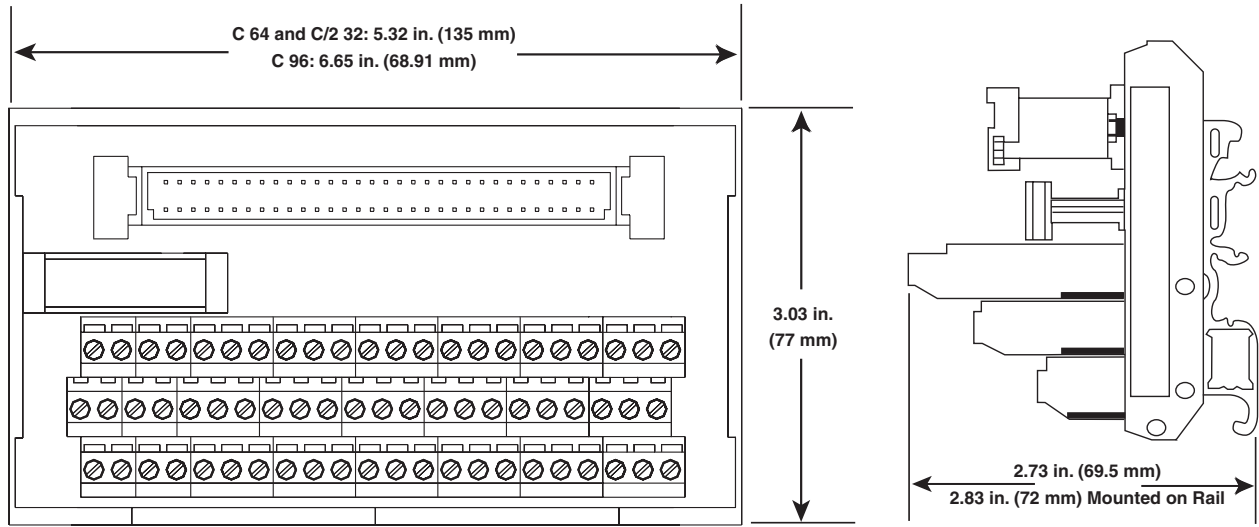**Clamp:** Steel, galvanized, and chromated

Wire Protection: CuZn, brass, prenickeled, and 5 μ tin-plated

Screw: Steel, galvanized, and chromated

TRADEMARKS

The VMIC logo is a registered trademark of VMIC. Other registered trademarks are the property of their respective owners.

Ordering Options							
June 10, 2002 800-800563-000 B	A	B	C	–	D	E	F
VMIACC-BT10	–			–			

A = Male or Female
  0 = Female
  1 = Male
BC = Number of Pins
  32 = Euro-DIN C/2 32-Pin Connector
  64 = Euro-DIN C 64-Pin Connector
  96 = Euro-DIN C 96-Pin Connector

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
Copyright © February 1999 by VMIC
Specifications subject to change without notice.

C 64 and C/2 32: 5.32 in. (135 mm)
C 96: 6.65 in. (68.91 mm)

3.03 in.
(77 mm)

2.73 in. (69.5 mm)
2.83 in. (72 mm) Mounted on Rail

Figure 1. VMIACC-BT10 DIN Rail Transition Module