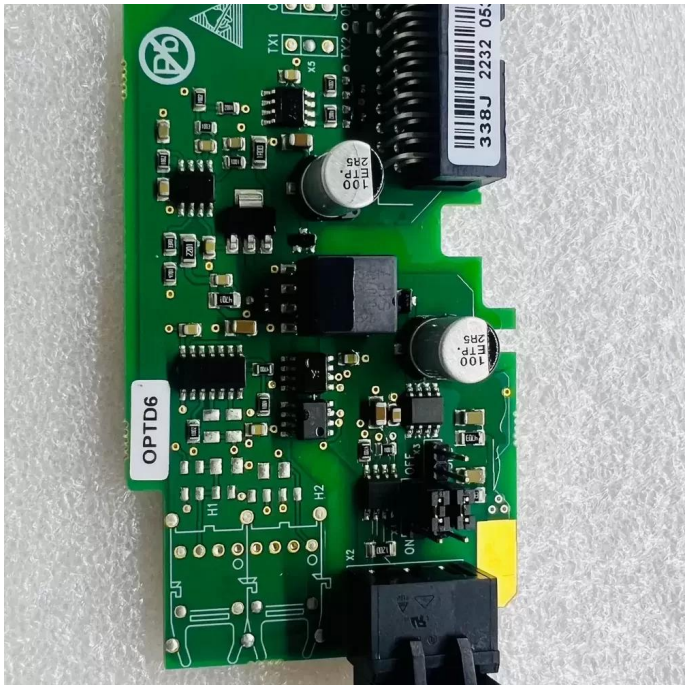
OPTD6 VACON 3-pin CANbus Interface Board Communication Card Datasheet



SKU: 999349754438

Category: Electric Motors & Drives

Price: **$161.71**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/optd6-vacon-3-pin-canbus-interface-board-communication-card

Product Description

The VACON OPTD6 is a high-performance CANbus monitor adapter board specifically designed for the VACON NXP series of AC drives. This interface board features a 3-pin screw terminal block (M3) providing a galvanically isolated CAN connection for high-speed data transmission. The hardware architecture includes two primary jumper blocks, X3 and X4, which facilitate user-selectable CAN grounding and bus termination. The board is identified by Type ID 17462 and is engineered for installation in slots B, D, or E of the drive's control unit. It utilizes a CAN_L (negative data), CAN_H (positive data), and CAN_GND (isolated ground) configuration to ensure robust signal integrity during monitoring and diagnostic operations via the NCDrive PC tool.

OPTD6 Specifications
Model Number: OPTD6
Brand: VACON
Product Category: Communication Interface Board
Compatibility: VACON NXP Series AC Drives
Interface Type: CANbus Monitor Bus
Type ID: 17462
Terminal Type: 3-pin M3 Screw Terminal Block
Terminal Pinout: 21 (CAN_L), 22 (CAN_H), 23 (CAN_GND)
Isolation: Galvanically Isolated

Jumper X3: CAN Grounding (Connected to ground, LC filter, or isolated ground)
Jumper X4: CAN Termination (Terminated or Not terminated)
Supported Slots: B, D, E
Gross Weight: 0.135 kg
Net Weight: 0.072 kg
Board Version: PC00276F (Version F or later)
Communication Protocol: CAN / MonitorBus

OPTD6 Applications

Primary applications include integration into VACON NXP drive systems for real-time monitoring of multiple drive parameters and high-speed data acquisition through the NCDrive PC tool. Deployed within industrial automation networks requiring customized CAN communication or I/O expansion for complex motor control synchronization.

Supplemental Images


OPTD6
H1
H2
X2