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Find the *RTD Embedded Technologies DM6952HR-H* at our website: *Click HERE*



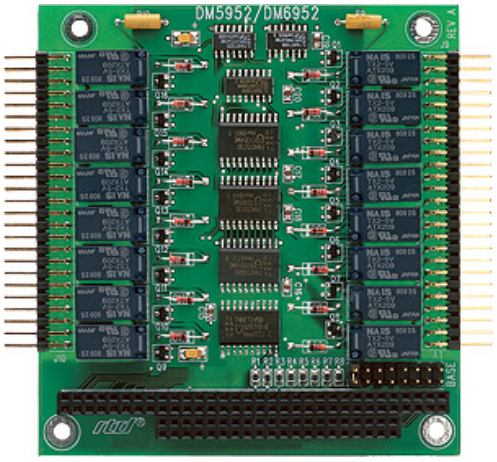
DM6952HR

Power Relay Module for Industrial and High-Reliability Applications

*Operating Temperature **-40°** to **+85°**C*

Key Features

- PC/104 form factor with stackable ISA bus
- Outputs
  - 16 power relays with Form C contacts
  - 60 VA switching capacity
  - Switching current
    - 2 A at 30 VDC
    - 0.5 A at 125 VAC
    - 0.25 A at 220 VAC
  - Max switching voltage 220 VDC / VAC
  - Operate and release time 4 milliseconds
  - 1000 Vrms isolation
  - Expected life
    - Mechanical (at 180 cpm) 100,000,000 operations
    - Electrical at 2 A, 30 VDC resistive 500,000 operations
- Connectors
  - -H: Standard 50 position 0.1" DIL headers
  - -S: Screw terminal blocks



DM6952 dataModule



Rugged IDAN configurations available

Description

The DM6952HR dataModule® combines 16 power relay outputs on one board. These relays may be used to reliably switch voltages from 5V DC to mains voltages of 220VAC. The onboard relays have two identical pairs of contacts. These contacts are connected on parallel. Both Normally Open (NO) and Normally Closed (NC) contacts are available on the I/O connectors. Use this board in applications such as AC or DC power circuit breaking, motor and actuator control or voltage level shifting.

Software

- Includes software packages for the following Operating Systems:
  - DOS
  - Windows 98, NT4.0, 2000, XP/XPe
  - Linux 2.4.x and 2.6.x
- Source code provided for easy porting to other platforms, including RTOSes.
- Example programs with source code provide a starting point for developing custom applications.

Recommended Accessories

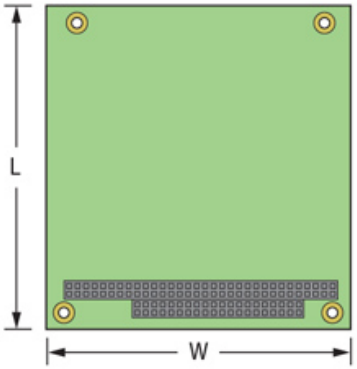
- XT50: 3 foot, 50-pin, twisted-pair cable
- TB50: 50-pin screw terminal board
- XB50: 50-pin screw terminal board with prototyping area

Physical Attributes

- Dimensions
  - Length (L): 3.775 inches (95.89 mm)
  - Width (W): 3.550 inches (90.17 mm)
  - Stand-off Height: 0.600 inches (15.24 mm)
- Weight: Approximately 0.34 lbs. (0.15 Kg)
- Standard Operating Temperature, 90% humidity non-condensing: -40 to +85°C
- Storage Temperature: -55 to +125°C
- MTBF

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    - DM6952-H: 960,445 hours
    - DM6952-S: 908,610 hours
- Power Requirements: 1.4 W @ 5 VDC typical



Documentation and Downloads

- Hardware Manual
- Drivers and Example Programs
- Software Manuals

Ordering Information

Part Number	Description	Value OEM
DM6952HR-H	16 Relay Output PC/104 Module with Headers	$325
DM6952HR-S	16 Relay Output PC/104 Module with Screw Terminals	$345

RTD Embedded Technologies, Inc.

Designed and Made in the USA

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