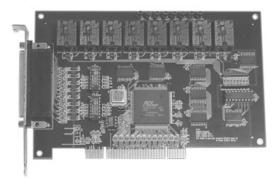
DASP-52016

8 Isolated D/I and 8 Relay Output Card

Industrial Automation





	Isolated Digital Input
Channels	8
Optical isolated	2500V _{DC}
Photo-coupler	PC-3H4
Photo-isolator	20μs
response time	
Over-voltage protect	50 V DC
Input voltage	VIH (max.): 36Vpc
	VIH (min.): 4V _{DC}
	VIL (max.): 3V _{DC}
	Low Logic: 0-3V _{DC}
	High Logic: 4-36V _{DC}
	AC 50Hz-3.5KHz
Input current	10 V _{DC} 2.9mA (typical)
	12 VDC 3.6mA (typical)
	24 V _{DC} 7.5mA (typical)
	36 V _{DC} 11.5mA (typical)
	Relay Output
Output channels	8
Relay type	4 SPDT & 4 SPST
Rating (resistive)	10 A @120 Vac, 6 A @ 250 Vac, 5 A @ 30 Vdc
Relay on/off time	10ms typical
Max. switching power	62.5VA, 60W
Max. switching voltage	250Vac, 220Vdc
Breakdown voltage	750 Vrms (1 sec)
Operate time	5ms
Release time	4ms
Life expectancy	10,000,000 operations
	General Environment
I/O connector	37-pin D-Sub type female
Power consumption	+5 V @ 200 mA (typical)
	+5 V @ 750 mA (max.)
Operation temperature	0 ~ 60°C
Storage temperature	-20 ~ 70°C
Humidity	0 to 90% non-condensing
Dimensions	185mm x 122mm

Ordering Information

	DASP-52016	8 isolated D/I and 8 relay output card
	Terminal Board	
	TB-88037	37-pin D-sub female wiring terminal board with DIN-rail mounting
Cable		
	CB-89037-2	37-Pin D-sub male to male 2M cable
	CB-89037-5	37-Pin D-sub male to male 5M cable

Features

- ▶ 8 optically isolated digital input channels
- ▶ 4 SPDT & 4 SPST relay output channels
- ▶ On board relay status LED indicator
- ► AC/DC polarity-free isolated input
- Output status read-back
- ▶ Optical isolation on input channels (2500Vpc) and over-voltage protection (50Vpc)
- ▶ Serial number on EEPROM supported
- Windows® 98/NT/2000/XP and Labview 6.0/7.0 driver supported
- ► Complete sample program- VB, VC, BCB, Delphi

Introduction

The DASP-52016 is a PCI-bus, eight isolated D/I and eight relay output card. It supports not only optical isolation (2500V $_{DC}$) but over-voltage protection (50V $_{DC}$) to enhance the reliability of the system. The DASP-52016 also supports two types of relay actuator- SPDT & SPST, making it suitable for controls and sensing applications such as load switching, external switching detection, and contact closure.

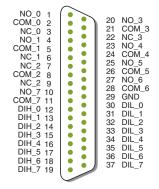
Board Identification- Serial Number on EEPROM

The DASP stores the serial number of each DASP in the EEPROM before shipping. The PCI scan utility can scan all the DASP and show users the serial number of each DASP, helping the user to easily identify and access each card during hardware configuration and software programming.

Applications

- ON/OFF control
- Test automation
- Power switching
- Security control
- Energy management
- Laboratory automation

Pin Assignment



Remote RS-48! DA&C Module

New Generation DA&C Cards

Cost-effective AX5000 DA&C Cards

> PC/104 Expansion

Terminal

Industrial Communicatio Solutions