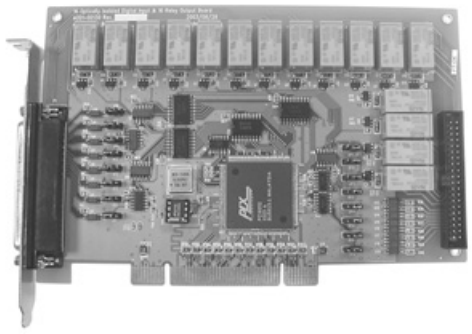
DASP-52032

16 Isolated D/I and 16 Relay Output Card



Features

- 16 optically isolated digital input channels
- 8 SPDT & 8 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 (2500V_{DC}) and high over-voltage protection (50V_{DC})
- 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

Specifications

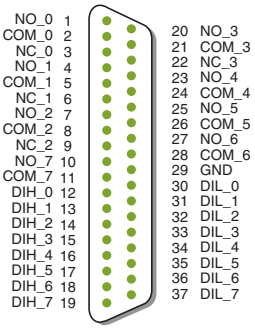
Isolated Digital Input	
Channels	16
Optical isolated	2500V_{DC}
Photo-coupler	PC-3H4
Photo-isolator response time	20µs
Over-voltage protect	50V_{DC}
Input voltage	VIH (max.): 36V_{DC} VIH (min.): 4V_{DC} VIL (max.): 3V_{DC} AC 50Hz-3.5KHz
Input current	10 V_{DC} 2.9mA (typical) 12 V_{DC} 3.6mA (typical) 24 V_{DC} 7.5mA (typical) 36 V_{DC} 11.5mA (typical)
Relay Output	
Output channels	16
Relay type	8 SPDT & 8 SPST
Rating (resistive)	10 A @120 V_{AC}, 6 A @ 250 V_{AC}, 5 A @ 30 V_{DC}
Relay on/off time	10ms typical
Max. switching power	62.5VA ,60W
Max. switching voltage	250V_{AC},220V_{DC}
Breakdown voltage	750 Vrms (1 sec)
Operate time	5ms
Release time	4ms
Life expectancy	10,000,000 operations
General Environment	
I/O connector	2 sets 37-pin D-Sub type female
Power consumption	+5 V @ 250 mA (typical) +5 V @ 800 mA (max.)
Operation temperature	0 ~ 60˚C
Storage temperature	-20 ~ 70˚C
Humidity	0 to 90% non-condensing
Dimensions	185mm x 122mm

Ordering Information

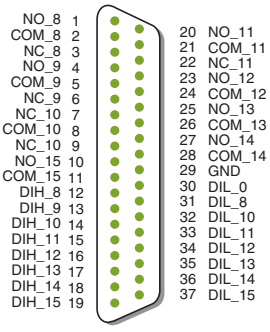
DASP-52032	16 isolated D/I and 16 relay output board
Terminal Board	
TB-88037	37-pin D-sub female wiring terminal board with DIN-rail mounting
Cable	
CB-89037-2	37-Pin D-sub male to male 2M cable
CB-89037-5	37-Pin D-sub male to male 5M cable

Pin Assignment

D-Sub 37-pin Connector for DASP-52032 CON1



D-Sub 37-pin Connector for DASP-52032 CON2



* All the specifications and photos are subjected to be changed without notice.