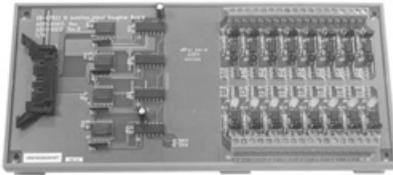


Terminal & Daughter Boards

DB-87822

16 Isolated D/I Daughter Board



Specifications

General Specifications	
Configuration	16 Opto-isolated digital input
Connector	20-pin flat connector
Digital Input	
Channels	16; each with it's own ground
Reference	Isolated from other channels
Maximum input	24 V _{DC} or 24 V _{AC} voltage
Power consumption	12V /0.53V; 5V / 0.2A
Digital Logic Level	
Inputs	16 channels, TTL level
DC input low	0V min. to +/-1V max.
AC peak input low	0V min. to +/-1V max.

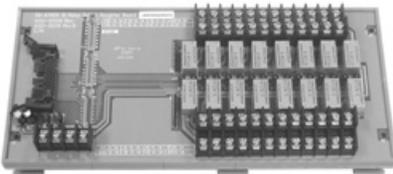
DC input high	+/-2.8V _{DC} to +/-24V _{DC}
1 kHz AC input	4V _{rms} to 24V _{AC} high
General Environment	
Power	+5V @224mA max.
Operating temp	0 to 60°C
Storage temp	-20 to 70°C
Humidity	0 to 90% non-condensing
Dimensions	250mm x 115 mm

Ordering Information

DB-87822 16 Isolated D/I Daughter Board

DB-87825

16 Relay Output Daughter Board



Specifications

General Specifications	
Configuration	16 form C relays
Connector	20-pin flat connector
Relay Output	
Channels	16
Nominal load	0.5A /120V _{AC} , 1A/24 V _{DC}
Max. switching power	60VA, 24W
Max. switching voltage	120V _{AC} , 60V _{DC}
Max. switching current	1A
Life expectancy	Mechanical (2x10E7) Electrical (2x10E5)
Time value	6 ms

Control logic	Input TTL high (+5V), relay ON
General Environment	
Power	+5V @150mA max. +12V @528A max
Operating temp	0 to 60°C
Storage temp	-20 to 70°C
Humidity	0 to 90% non-condensing
Dimensions	250mm x 115 mm

Ordering Information

DB-87825 16 Relay Output Daughter Board

DB-87040/87060

4/6 Axes Motion Daughter Board



Specifications

General Specifications	
Dedicated digital input/output interface for the DASP-52504/52506 motion board	
Connector: 30-pin terminal block	
System I/O signal: External RDY, STOP, HOM, OT	
Encoder interface for the DASP-52504/52506 motion board	
Connector: 25-pin D-sub type	
Signal: 4/6 axes A/B/Z encoder signal	
Servo/Stepper drive control command and status	
Connector: 4/6 sets, D-sub 25-pin type	
Signal: Pulse train or Analog command, control/status	
4/6 axes motion control board terminal block	
Connector: SCSI-II 100-pin pin type	
Signal: 4/6 axes motion control board signals	
Dedicated Digital Input and Output	
Signal	HOME, OT, MODE, INH (servo ON/OFF) servo ready

Operation	DIP switch forced setting or normal
Input Signal	Opto-isolation low active
Output Signal	Dry contact
General Environment	
Power	External +24V
Operating temp	0-60°C
Storage temp	-20 to 70°C
Humidity	0 to 90% non-condensing
Mechanism	DIN-Rail terminal block
Dimensions	250mm x 115mm

Ordering Information

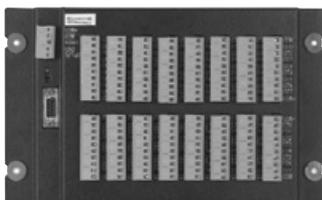
DB-87040 4 Axes Motion Daughter Board

DB-87060 6 Axes Motion Daughter Board

DB-87064

64 D/I and 64 D/O Remote I/O Board

New



Specifications

General Specifications	
Configuration	64 isolated D/I and 64 isolated D/O
Connector	9-pin D-Sub for I/O master/slave communication
Digital Input	
Channels	64
Input type	source type
DC input	30V max
Threshold voltage	4V
Respond time	<1ms
Cable connector	screw type terminal block
Digital Output	
Channels	64
Output type	open collector
Working range	5-40 V _{DC}
Driving capacity	100mA max

Respond time	<1ms
Output initial state	OFF
Cable connector	screw type terminal block
General Environment	
Power	external +24V
Operating temp	0-60°C
Storage temp	-20 to 70°C
Humidity	0 to 90 non-condensing
Mechanism block	Screw-mounting terminal
Dimensions	258.6mm x 158.4mm

Ordering Information

DB-87064 64 D/I and 64 D/O Remote I/O Board