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## 6B Series Accessories


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To facilitate the design process for designers who are not embedding the 6B Series into their own custom backplanes and panels, the following accessories can simply expedite their designs.

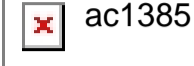
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### I/O Cables


The **Model AC1382** optional 1-foot cable is required to connect a **6B50-1** or **6B50-2** RS-232C serial port from a host processor to a **6B50-1** or **6B50-2** board. The **6B50-1** connector is a female DB25. The **6B50-2** backplanes and the **6B50-2** digital board connector are male DB25. Only pins 1, 2, 3 and 7 (connected to one) are connected.

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Model AC1382

The **Model AC1385** is identical to the AC1382 cable except for a 9-pin female DB9 connector that connects to RS-232C serial ports. Pins 2, 3 and the DB9 connector are connected to pins 3, 2 and 7, respectively of the DB-25 connector.

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Model AC1385


The **Model CAB03** 3-foot flat ribbon cable connects a **6B50-1** or **6B50-2** TTL-level discrete I/O channels to either the **6B50-1** or **6B50-2** solid state relay [backplanes](#).

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Model CAB03

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### CJC Temperature Sensor

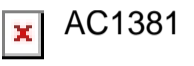
The **Model AC1361** temperature sensor provides cold junction temperature measurement for thermocouple applications on **6B Series** backplanes or mounting boards. These SIP temperature sensors included on each channel of all **6B Series** [backplanes](#).

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Model AC1361

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### Current Conversion Resistor


The **Model AC1381** is an encapsulated, precision, 0.1%, 1/8 watt, 10 ppm/C resistor that converts current to voltage. The AC1381 is mounted directly on the **6B Series** [backplanes](#) required for each **Model AC1381** 20 mA or 0.20 mA input channel.

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Model AC1381

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### Digital Backplanes and Solid State Relays


The **Model DB16** 3.5 inch x 14.05 inch optional solid state relay backplane supports the installation of up to 16 channels, solid state relay modules, providing 2500 V peak isolation for up to 16 digital I/O channels. Any combination of AC Input/Output or DC Input/Output solid state relay may be used. The **DB16** requires an external +5 V DC supply voltage. [CAB-03](#) cable to connect with [6B50](#) Digital I/O Board.

 [Order Now](#)  
Model DB16

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### Single Channel Solid State Relay Modules for the **DB16** Backplane


Model	Type	Range
<b>IA140A</b>	AC Input	90 V rms to 140 V rms
<b>IA280A</b>	AC Input	180 V rms to 280 V rms
<b>OA140A</b>	AC Output	12 V rms to 140 V rms
<b>OA280A</b>	AC Output	24 V rms to 280 V rms
<b>ID016</b>	DC Input	3.3 V DC to 32 V DC
<b>ID032</b>	DC Input	10 V DC to 32 V DC
<b>OD060</b>	DC Output	5 V DC to 60 V DC

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Model ID016

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### 24-Channel Backplane


The **Model DB24** 6.0-inch x 8.0-inch optional relay backplane supports installation of up to six channels, high density solid state relay modules, providing 4000 V peak of isolation for up to 24 digital I/O channels. Any combination of AC Input/Output or DC Input/Output solid state relays may be used. The **DB24** requires a +5 V DC supply voltage. [CAB-03](#) cable to connect with a [6B50](#) Digital I/O Board.

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Model DB24

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### Quad Channel Solid State Relay Modules for the **DB24** Backplane

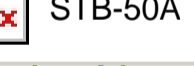
Model	Type	Range
<b>OA240QA</b>	4- Channel, AC Output	24 V rms to 280 V rms
<b>OD60Q</b>	4- Channel, DC Output	3 V rms to 60 V rms
<b>IA120QA</b>	4- Channel, AC or DC Input	90 V rms to 120 V rms 90 V DC to 140 V DC
<b>IA240QA</b>	4- Channel, AC or DC Input	180 V rms to 280 V rms 180 V DC to 280 V DC
<b>ID32Q</b>	4- Channel, DC Input	10 V DC to 60 V DC
<b>ID16FQ</b>	4- Channel, Fast DC Input	4 V DC to 16 V DC 50 μs Turn on Time, 100 μs Turn off Time

 [Order Now](#)  
Model IA240QA

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### Digital Termination Panel

The optional **Model STB50A** is a 3inch x 5.25inch DIN rail mounting panel that directly connects to all 24 level discrete I/O channels of [6B50-1](#) or [6B50-2](#) digital I/O boards via screw terminals for flat ribbon cable is included with Model **STB50A**.

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Model STB50A

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### Configuration Jumpers


**Model AC1344** is a spare set of 10 configuration jumpers (W1) for Series [backplanes](#) and [6B50](#) Digital I/O boards. A configuration jumper used to establish or change the address, baud rate and checksum module when inserted in any backplane first socket. A configuration is used to establish or change the address of any **6B50** board.

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Model AC1344

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### Mounting Kit Rack Mount


The **Model AC1380** optional rackmount kit fits any **6B Series** backplane into a 19inch rack, requiring a 19inch x 3.5inch area. The bottom plate threaded inserts for mounting each of the three backplanes using and predrilled holes for attachment of an AC/DC power supply (95- or PWR01). Mounting hardware is provided with the AC1380.

 [Order Now](#)  
Model AC1380

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### Power Supplies


The **Models 955, 977 and PWR01** AC/DC modular power supplies provide a +5 V DC regulated output. Model 955 offers a +5 V DC @ 1 ampere output (5 watt); Model 977 and **PWR01** offer a +5 V DC @ 1 ampere output (25 watts). Both Models 955 and 977 accept a AC input; Model **PWR01** accepts a wide input range of 85 V AC to 280 V AC.

 [Order Now](#)  
Models: 955, 977 and PWR01

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### User Manual and Configuration Software

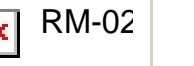
The optional **Model AC1383** complete reference manual provides information on setting up the **6B Series** Subsystem. The manual includes complete specifications and the **6B Series** Command Set. An included utility/demo software on a 5.25 inch software diskette enables a user to configure, calibrate, read data from or write data to the **6B Series** and **6B50** I/O boards, without writing his own application programs. **6B Series** User Manual with software diskette must be ordered as a separate item.

 [Order Now](#)  
Models AC1383

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### DB-24 Rack Mount Kit

The **Model RM-02** optional rack mount kit fits two **DB24** [backplanes](#) into a 19inch rack. Mounting hardware is provided.

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Model RM 02

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