SPBB-6DI2SP1AI shown with Micro SoftPLC Model BB and ICOM-GSMU modem

Overview

The SPBB-6DI2SP1AI is an add-on board for the Micro SoftPLC models BB that adds local I/O, power conditioning, serial ports, an SDI-12 bus interface and a battery power monitoring circuit for solar powered applications. It is ideal for use in remote monitoring and/or data logging applications, such as those that utilitize SoftPLC's TagWell platform.

Features
Provides mounting rails for Micro SoftPLC models SPBB-*x*
Terminal block wiring connectors
DB9 connectors for RS-232C ports
Suitable for battery/solar powered installations, includes analog input for battery level monitoring
Mounting via stand-offs, (7) included
Provides support for a USB cellular modem attached to the Micro SoftPLC model BB

Specifications			

I/O	
Channels	6 fry contact inputs, 5-12VDC, 1 common, terminal block interface
Field Power	5 or 12VDC, jumper selectable, terminal block interface
Communication Ports	2x RS-232C ports, DB9 connectors, SoftPLC software configurable
	SDI-12 serial bus, terminal block connector interface
Power Input	12VDC (10 ~ 18VDC)

General	
Connectors	3 terminal blocks (#14~22 AWG)
Dimensions	7.5" x 4" x 1.5" (L x W x H) with SPBB mounted on rails
Certifications	ROHS

Environment	
Humidity	5 ~ 95% RH
Temperature	**Operating:** -20 ~ 70°C (-4 ~ 158°F)
	Storage: -40 ~ 85°C (-40 ~ 185°F)