

DESCRIPTION

The SBC-ASC(e) is an applicable selectable controller able to be employed in generic and light-duty custom control applications using one of three available modes (Rooftop, Heatpump, and Multi-speed Fancoil). In stand-alone or networked environments, the SBC-ASC(e) can be programmed to operate on independent platforms or in existing enterprise applications. Using flash technology, SBC-ASC(e) controllers can be configured and setup with minimal effort for a variety of control application sequences.

FEATURES

- PUP network protocol over EIA-485
- Can be field-flash configured for Rooftop, Heatpump, or Multi-speed Fancoil profile applications
- Can be used in stand-alone or network applications
- Easy configuration and over-the-network firmware flash updates via SoloPro commissioning environment
- Dedicated (separate from on-board I/O) Zone Sensor Input connection for SBC-STATs via Statbus
- Real-time clock included with SBC-ASCe devices (ASC optional)
- Devices can be implemented in sequences that may not require Discharge Air Temperature (DAT) or Outside Air Temperature (OAT) readings.
- Available PID and Control Loop applications for output control sequences such as valve control and analog signal control
- Outside Air Temperature based Economizer control available
- Configurable Interlocking for Fan Failure applications



Unique Programming Capabilities

Unique programming in the ASC(e) allows users to modify the controller for several pre-configured applications. Using flash memory updates, the controller can be configured for typical heat pump, multi-speed fan coil, or rooftop unit installations.

SBC-ASC(e) Unitary Controllers

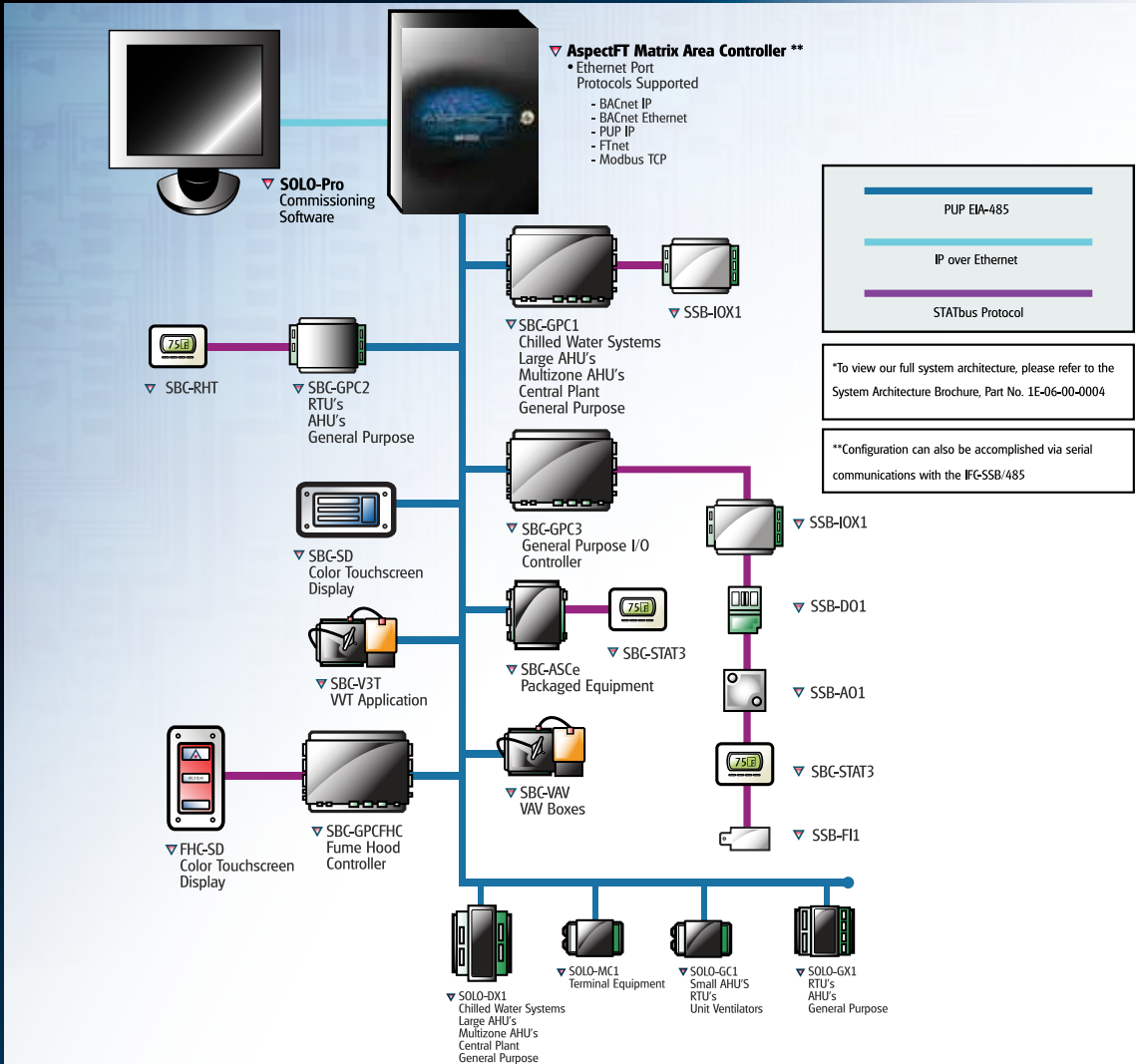
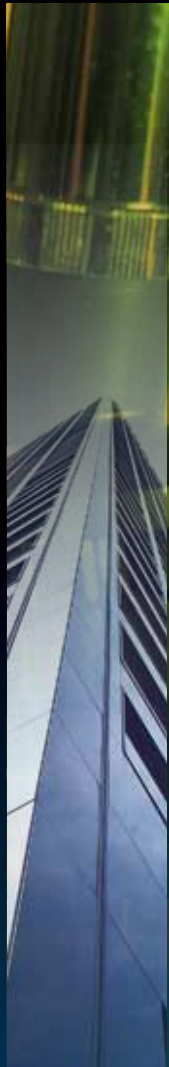
Controller Type	Digital Outputs		Analog Outputs	Universal Inputs	Real-Time Clock	Optically Isolated DI	SBC-STAT Bus
	Triacs	Relays					
SBC-ASC	NONE	5	2	2	OPTIONAL*	NONE	1
SBC-ASCe	NONE	5	4	5	INSTALLED	1	1

* The Real-time Clock (SBC-RTC2) must be purchased separately and installed by the customer.

SBC-ASC(e)

Application Selectable Controller

CONFIGURATION ARCHITECTURE



SPECIFICATIONS - SBC-ASC(e)

Terminations	Dimensions	Input Supply	Operating Environment	Agency Listings
<ul style="list-style-type: none"> Pluggable terminal blocks for inputs, outputs, power, and network connection Communication baud rates: 9600, 19,200, 38,400 	<ul style="list-style-type: none"> Overall size: 5.5 x 4.75 x .90 in. (14.1 x 12.1 x 2.3 cm.) Shipping weight: .84 lbs. (.38 kg.) 	<ul style="list-style-type: none"> NEC class II transformer 24VAC, 50/60Hz, 10VA maximum, 5VA typical 5A fuse load protection 	<ul style="list-style-type: none"> Operating temperature: 41 to 151°F (5 to 50°C) Storage temperature: -40 to 151°F (-40 to 66°C) Relative humidity: 10% to 90% noncondensing, 40% to 60% recommended 	<ul style="list-style-type: none"> UL 916 listed, PAZX FCC rules Part 15, Class B Computing Device UL 873 recognized, Component-temperature-indicating and regulating equipment (XAPX2) Complies with CE directives and standards

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