

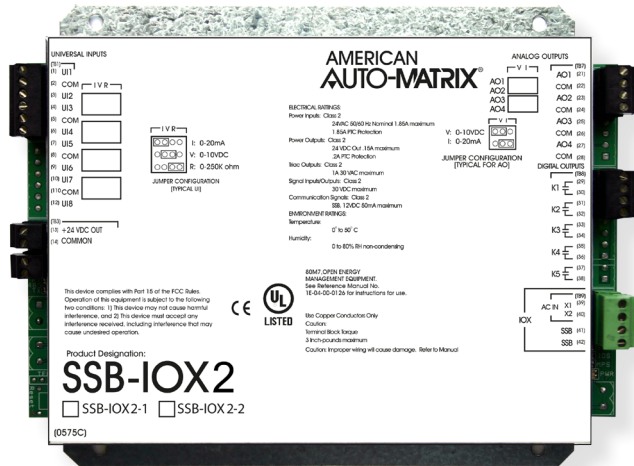
STATbus Expansion Modules

STATbus expansion modules are specialized devices which allow additional inputs and outputs to be added to the GPC family of controllers. The devices add expansion input or output in blocks of I/O points or in increments as small as a single input or output.

Through the use of these modules, you can create a system with a customizable I/O profile. If the project ever needs expansion simply connect additional IOX modules for more I/O. Unlike conventional controllers, the ability to add expansion modules provides greater flexibility and can reduce the number of controllers and wiring needed in a facility.

SSB-IOX2-1

The IOX2-1 offers the most efficient method of maximizing the I/O capabilities of GPC controllers.



	UI	DI	AO	DO
IOX2-1	12	0	6	6

SSB-DI1



	UI	DI	AO
SSB-DI1	0	1	0

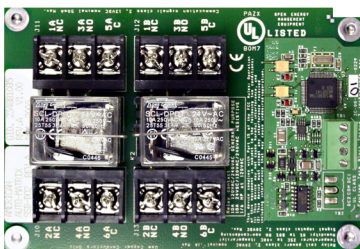
This module provides excitation power for devices such as CO and CO₂ sensors, pressure sensors, etc. and designed to fit a standard 4x4 junction box

STATbus™ is American Auto-Matrix's innovative sensor networking technology. STATbus is an open-topology network protocol that allows flexible connection of multiple I/O devices per channel using a single non-polar, twisted pair cable.

This provides unprecedented flexibility in the installation and wiring of I/O sensors and devices to the GPC. Substantial saving can be realized in both wiring and installation costs as compared to conventional sensors.

Also, STATbus uses digital communications signals, giving it a higher level of noise immunity than conventional, analog sensors.

SSB-DO2-1



	DI	DO
SSB-DO2-1	2	2

Relays on the SSB-DO2-1 allow switching up to 250 VAC/DC at up to 10A. The SSB-DO2-1 also provides dry contact inputs for function status monitoring

GENERAL SPECIFICATIONS

Networking

Communications protocol: STATbus

Wiring: 2 or 4-wire (device dependent), twisted pair

Network configuration: multidrop bus

Terminations

Pluggable terminal blocks for inputs and/or outputs, power and network connection

Operating Environment

Temperature: 32-122°F (0-50°C)

Humidity: 0-90% RH, non-condensing

Agency Approvals

- UL listed 916, Management Equipment, Energy (PAZX) (pending)
- FCC rules Part 15 Class B Computing Device (pending)
- Complies with CE directives and standards (XAPX2) (pending)

SSB-DI1

I/O

One (1) Digital Input (SSB-DI1)

Power Requirements

24VAC, 50/60 Hz, 1 A (max)

Dimensions

size: 4.2 x 4.2 x 1.0 in. (10.67 x 10.67 x 2.54cm)

weight: .50 lb. (.23 kg)

SSB-DO2-I

I/O

Two (2) Digital Outputs, Two (2) Dry Contact Digital Input

Power Requirements

24VAC, 50/60 Hz, 1.25 A (max)

Dimensions

Size: 6.7 x 3.3 x .81 in. (17.02 x 8.38 x 2.06 cm)

Weight: .56 lb. (.25 kg)

SSB-IOX2-1

IOX2-1

Power Requirements

24VAC, 50/60 Hz, 1.85 A (max)

Dimensions

Size: 6.50 x 9.13 x 1.45 in (16.51 x 23.19 x 3.68 cm)

Weight: 1.34 lb (.61 kg)

GPC I/O and (Expandability)

The flexibility of STATbus modules are utilized by the GPC family controllers. Here, STATbus modules provide configuration options and flexibility that cannot be achieved with a conventional controller.

	UI	DI	AO	DO
GPC1	12 (24)	1 (8)	6(12)	6(12)
GPC2**	8 (12)	1	4	5
GPC3	0 (24)	0 (8)	0(12)	0(12)
GPC4	12 (48)	1(8)	6(24)	6(24)

****GPC-2 is only compatible with SBC-STAT family devices**



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