



## DESCRIPTION

The MicroSAC Expansion Modules provide additional digital and analog output points to MicroSAC installations. Any one of the three modules can be applied to any MicroSAC.

## APPLICATIONS

- increase any MicroSAC's output count by 2 analog outputs or 4 or 8 digital outputs
- one module can be attached to any MicroSAC-20, 21, 26 or VAV

## FEATURES

- rugged Triac switches (MicroDO4/DO8)
- power supply over-current protection with automatic reset fuse
- high current rating (1.2A) - TRIACs
- low power consumption
- easy installation

**MICRO-A02/D04/D08**  
**TECHNICAL SPECIFICATIONS**

**POINT CONFIGURATION**

MODULE	ANALOG OUTPUTS	DIGITAL OUTPUTS
MicroA02	2	N/A
MicroD04	N/A	4
MicroD08	N/A	8

**OUTPUTS**

TYPE	USAGE	RANGES	CAPACITY	DISPLAY
Analog	Voltage	fully modulating linear 0-12.5 V	20 mA	user defined
Triac digital	Triac drive	Solid State relays for AC loads	30 VAC @ 1.2 A	user defined

**ELECTRICAL / MECHANICAL**

MODULE	VA RATING*	BOARD SIZE	POWER REQUIREMENT (XFRMR)
MicroA02	2.3	108 x 51mm	24 VAC†
MicroD04	1.5	108 x 51mm	24 VAC†
MicroD08	2.7	108 x 51mm	24 VAC†

\* loaded VA rating

† power supplied by attached MicroSAC - ensure XFRMR is rated for SAC plus connected modules

25.4mm = 1.0 inches

**ENVIRONMENTAL**

OPERATING TEMPERATURE	STORAGE TEMPERATURE	RELATIVE HUMIDITY
0°C to 50°C (32°F to 122°F)	-35°C to 66°C (-31°F to 151°F)	0 to 95% RH, non-condensing