

Control Solutions, Inc. BAS-700 Series Power Consumption

Model	Supply Voltage	Typical Current (A)
BAS-7050	24VDC	0.07 @ no load 0.55 @ full load (full load is 5V @ 1.7A supplied to I/O boards)
BAS-714	5.0VDC	0.017
BAS-718	5.0VDC	0.025
BAS-722	5.0VDC	0.150
BAS-724	5.0VDC	0.290
BAS-728	5.0VDC	0.570
BAS-728/F	5.0VDC	0.150
BAS-734	5.0VDC	0.020
BAS-738	5.0VDC	0.025
BAS-738/3	5.0VDC	0.100
BAS-742	5.0VDC	0.060

Power supply budget for I/O boards is 1.7A total using the BAS-7050.
Max. addressable board count is 8.

Calculation for 24VDC current draw:

$$X = ((A * 5) / 0.75 / 24) + 0.07$$

where A is total of I/O board current at 5VDC,

X is resulting current draw at 24VDC.

(Updated 8/2006)