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Find the *Schneider Electric / Gould / AEG AS-P800-003* at our website: *Click HERE*

3.7 Power Supplies for Local and Remote 800 Series I/O Drops

To determine the power requirements of a drop, add the individual power draws of each module in the drop. A *primary* power supply is required in the first slot of the primary housing in a remote I/O drop; an *auxiliary* power supply may be installed in the first slot of a secondary housing:

Power Supplies for a Remote 800 Series I/O Drop

Model	Description	Voltage	I/O Power (in mA) +5V	+4.3V	-5V	RIO Interface Power (@ +5V)
AS-P810-000	primary/aux	120/220VAC	5000*	5000*	300	7500 mA* **
AS-P802-001	primary/aux	120/220AC	2500***	10100***	500	9500 mA***
AS-P884-001	primary/aux	120/220VAC	5000	10100	500	11000 mA
AS-P800-003	primary/aux	120/22VAC	2500***	10100***	500	9500 mA***
AS-P890-000 AS-P892-000	primary (in an RIO interface)	115/230VAV 24VDC	3000#	3000#	250	N/A
AS-P830-000	auxiliary only	120/240VAC 24VDC	5000##	6000##	500	N/A

* Total maximum of +5V I/O, +4.3V I/O, and +5V Interface cannot exceed 13500 mA
** Total maximum of +5V I/O and +4.3V I/O cannot exceed 5000 mA
*** Total maximum of +5V I/O, +4.3V I/O, and +5V Interface cannot exceed 16100 mA
# Total maximum of +5V I/O and +4.3V I/O cannot exceed 3000 mA
Total maximum of +5V I/O and +4.3V I/O cannot exceed 6000 mA

A slot mount 984 controller provides the primary power supply for its local I/O drop; auxiliary power supplies listed above may be used in secondary housings:

Primary Power Supplies for a Local 800 Series I/O Drop

Model	Voltage	I/O Power (in mA) +5V	+4.3V	-5V	Total Maximum Power (in mA)
PC-0984-785/ -780/-685/-680	120/220VAC 24VDC	8000	6000	500	8000
PC-0984-485/ -480/-385/-381/-380	120/220VAC 24VDC	3000	3000	250	3000

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