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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 De	escription	Voltage	I/O Pov +5V	wer (in m/ +4.3V	A) -5V	RIO Interface Power (@ +5V)
AS-P810-000 pri	imary/aux	120/220VAC	5000*	5000*	300	7500 mA* **
AS-P802-001 pri	imary/aux	120/220AC	2500***	10100***	500	9500 mA***
AS-P884-001 pri	imary/aux	120/220VAC	5000	10100	500	11000 mA
AS-P800-003 pri	imary/aux	120/22VAC	2500***	10100***	500	9500 mA***
	imary (in an IO interface)		3000#	3000#	250	N/A
AS-P830-000 au		120/240VAC 24VDC	5000##	6000##	500	N/A
Ass. The state of				Leco	- •	
** Total maximun *** Total maximun # Total maximun ## Total maximun A slot mount 984 drop; auxiliary p	m of +5V I/O, m of +5V I/O a m of +5V I/O a 4 controller p	+4.3V I/O, and and +4.3V I/O o and +4.3V I/O o provides the p	+5V Intecannot ex cannot ex primary	erface can sceed 3000 sceed 6000 power su	not excee 0 mA 0 mA upply for	its local I/O
*** Total maximun # Total maximun ## Total maximun A slot mount 984	m of +5V I/O, m of +5V I/O a m of +5V I/O a 4 controller p nower supplie	+4.3V I/O, and and +4.3V I/O o and +4.3V I/O o provides the p es listed above	+5V Intecannot excannot ex primary ve may b	erface can sceed 3000 sceed 6000 power su be used in	not excee 0 mA 0 mA upply for	its local I/O
*** Total maximun # Total maximun ## Total maximun A slot mount 984 drop; auxiliary p	m of +5V I/O, m of +5V I/O a m of +5V I/O a 4 controller p nower supplie	+4.3V I/O, and and +4.3V I/O o and +4.3V I/O o provides the p es listed abov Local 800 Se	+5V Intecannot excannot ex primary ve may b	erface can acceed 3000 acceed 6000 power su be used in Orop	not exceed 0 mA 0 mA upply for n second	its local I/O
*** Total maximun # Total maximun ## Total maximun A slot mount 984 drop; auxiliary p	m of +5V I/O, m of +5V I/O a m of +5V I/O a 4 controller p lower supplies supplies for a	+4.3V I/O, and und +4.3V I/O of und +4.3V I/O of provides the p es listed abov Local 800 Sei	+5V Intectannot excannot exprimary /e may b ries I/O C ower (in	erface can raceed 3000 ceed 6000 power su be used in Orop mA)	not exceed 0 mA 0 mA upply for n second	its local I/O dary housings: laximum (in mA)
*** Total maximun # Total maximun # Total maximun A slot mount 984 drop; auxiliary p Primary Power So Model PC-0984-785/	m of +5V I/O, m of +5V I/O a m of +5V I/O a 4 controller power supplies for a Voltage 120/220V 24VDC 120/220V	+4.3V I/O, and and +4.3V I/O of and +4.3V I/O of and +4.3V I/O of another the past listed above. Local 800 Services I/O Property (AC 8000	+5V Integrand excannot excannot exprimary primary primary by the may be the second exception of the second exception in the se	erface can sceed 3000 sceed 6000 power su be used in Orop mA) -5V	not exceed 0 mA 0 mA upply for n second Total M Power	its local I/O dary housings: laximum (in mA)

Total maximum of +5V I/O, +4.3V I/O, and +5V Interface cannot exceed 13500 mA

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	

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

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