

# 9100 Series Default DIP Switch Settings

Red = Default

DEFAULT	OFF	ON				
	<input type="checkbox"/>	<input type="checkbox"/>	1	DC SERVO	OFF ON	Enable DC Servo
	<input type="checkbox"/>	<input type="checkbox"/>	2	OPERATION MODE	CC CV	Controlled-voltage or controlled-current operation
	<input type="checkbox"/>	<input type="checkbox"/>	3	COMPENSATION NETWORK 2	OFF ON	Compensation network #2 (for controlled-current operation)
	<input type="checkbox"/>	<input type="checkbox"/>	4	COMPENSATION NETWORK 1	OFF ON	Compensation network #1 (for controlled-current operation)
	<input type="checkbox"/>	<input type="checkbox"/>	5	<i>CONTROL CONFIGURATION</i>	FOLLOWER LEADER	Multi-amp configuration as Leader or Follower
	<input type="checkbox"/>	<input type="checkbox"/>	6	COUPLING	AC DC	DC enable or DC block
	<input type="checkbox"/>	<input type="checkbox"/>	7	GAIN BIT 3 (MSB)	OFF 10	Gain selection (2.5 to 20)
	<input type="checkbox"/>	<input type="checkbox"/>	8	GAIN BIT 2	OFF 5	
	<input type="checkbox"/>	<input type="checkbox"/>	9	GAIN BIT 1 (LSB)	OFF 2.5	
	<input type="checkbox"/>	<input type="checkbox"/>	10	<i>ELECTRONIC GAIN MATCHING</i>	OFF ON	Enable electronic gain matching
	<input type="checkbox"/>	<input type="checkbox"/>	11	CURRENT LIMIT BIT 1	OFF BIT 1 VALUE*	Current Limit (MIN* to MAX*)
	<input type="checkbox"/>	<input type="checkbox"/>	12	CURRENT LIMIT BIT 2	OFF BIT 2 VALUE*	

NOTE: *GRAY TEXT INDICATES SWITCH USED FOR FACTORY CONFIGURATION ONLY.*

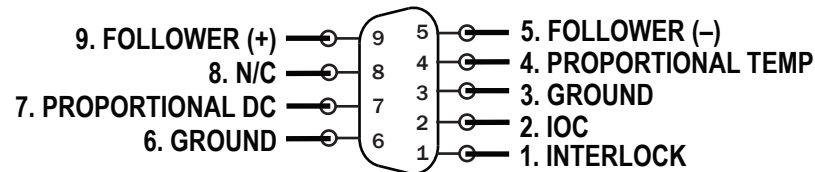
ALL BIT SWITCHES ARE ADDITIVE. RIGHT = ON.

\*CURRENT LIMIT VALUES:

- BIT 1 = +25Ap (9105), +50Ap (9110), +75Ap (9115)
- BIT 2 = +12.5Ap (9105), +25Ap (9110), +37.5Ap (9115)
- MIN=12.5Ap (9105), 25Ap (9110), 37.5Ap (9115)
- MAX= 50Ap (9105), 100Ap (9110), 150Ap (9115)

## PINOUTS FOR INTERCONNECT PORT A

9000 Series SIM91



## SIM-91 Default DIP Switch Settings

Red = Default

DEFAULT	OFF	ON				
	<input type="checkbox"/>	<input type="checkbox"/>	1	- SYNTHETIC IMPEDANCE BIT 3 (MSB)	OFF 0.5Ω	Add 0.5 ohms synthetic impedance
	<input type="checkbox"/>	<input type="checkbox"/>	2	- SYNTHETIC IMPEDANCE BIT 2	OFF 0.25Ω	Add 0.25 ohms synthetic impedance
	<input type="checkbox"/>	<input type="checkbox"/>	3	- SYNTHETIC IMPEDANCE BIT 1 (LSB)	OFF 0.125Ω	Add 0.125 ohms synthetic impedance
	<input type="checkbox"/>	<input type="checkbox"/>	4	- UNUSED	OFF NULL	Unused

NOTE: ALL BIT SWITCHES ARE ADDITIVE. RIGHT = ON.