

Light and High Load Switchers - Wiring and Breaker Selection Guide

IMPORTANT: The installation must conform to local, state, provincial, national codes. In any case where guidelines conflict with the following values, let those codes take precedence.

<b><u>Main Module</u></b> Lamp Power	<b><u>Auxiliary Module</u></b> Lamp Power	<b><u>LS1</u></b> 120VAC supply 120VAC receptacles	<b><u>LS2</u></b> 240VAC supply 240VAC receptacles <b><u>LS3</u></b> 240VAC supply 120VAC receptacles
4 x 400W	none	Total current (Amperage): 16 A Breaker / fuse: 20 A Supply Wiring: 12 AWG	Total current (Amperage): 8 A Breaker / fuse: 15 A Supply Wiring: 14 AWG
	4 x 400W	Total current (Amperage): 32 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 12 AWG	Total current (Amperage): 16 A Breaker / fuse: 20 A Main Supply Wiring: 12 AWG Aux Supply Wiring: 14 AWG
	4 x 600W	Total current (Amperage): 38 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 10 AWG	Total current (Amperage): 20 A Breaker / fuse: 30 A Main Supply Wiring: 10 AWG Aux Supply Wiring: 12 AWG
	4 x 1000W	Not recommended	Total current (Amperage): 27 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 10 AWG
4 x 600W	none	Total current (Amperage): 24 A Breaker / fuse: 30 A Supply Wiring: 10 AWG	Total current (Amperage): 12 A Breaker / fuse: 20 A Supply Wiring: 12 AWG
	4 x 400W	Total current (Amperage): 38 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 12 AWG	Total current (Amperage): 20 A Breaker / fuse: 30 A Main Supply Wiring: 10 AWG Aux Supply Wiring: 14 AWG
	4 x 600W	Not recommended	Total current (Amperage): 24 A Breaker / fuse: 30 A Main Supply Wiring: 10 AWG Aux Supply Wiring: 12 AWG
	4 x 1000W	Not recommended	Total current (Amperage): 31 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 10 AWG
4 x 1000W	none	Total current (Amperage): 38 A Breaker / fuse: 40 A Supply Wiring: 8 AWG	Total current (Amperage): 19 A Breaker / fuse: 30 A Supply Wiring: 10 AWG
	4 x 400W	Not recommended	Total current (Amperage): 27 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 14 AWG
	4 x 600W	Not recommended	Total current (Amperage): 31 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 12 AWG
	4 x 1000W	Not recommended	Total current (Amperage): 38 A Breaker / fuse: 40 A Main Supply Wiring: 8 AWG Aux Supply Wiring: 10 AWG