

Table 8. External Input Power Cable Terminations for the 93PM-L 60 kW and 120 kW SIAC-B

Terminal Function	Terminal	Function	Bus Landings (using back-to-back lugs)	Tightening Torque Nm (lb in)	Screw Size and Type	
AC Input to RIB — Source 1 (4-breaker Dual-Feed version only)	E1 (RIB-1)	Phase A	60 kW UPS (See Note)	2 – 2/0 to 250 or	31 (275)	5/16" Hex
				1 – 2/0 to 500	42 (375)	3/8" Hex
			120 kW UPS	2 – 2 to 500	42 (375)	5/16" Hex
	E2 (RIB-3)	Phase B	60 kW UPS (See Note)	2 – 2/0 to 250 or	31 (275)	5/16" Hex
				1 – 2/0 to 500	42 (375)	3/8" Hex
			120 kW UPS	2 – 2 to 500	42 (375)	5/16" Hex
	E3 (RIB-5)	Phase C	60 kW UPS (See Note)	2 – 2/0 to 250 or	31 (275)	5/16" Hex
				1 – 2/0 to 500	42 (375)	3/8" Hex
			120 kW UPS	2 – 2 to 500	42 (375)	5/16" Hex
AC Input to Maintenance Bypass — Source 2	E6	Phase A	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E7	Phase B	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E8	Phase C	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E12	Neutral	8 – 2 bolt mounting	35 (310)	M12 Hex	
AC Output to Critical Load	E9	Phase A	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E10	Phase B	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E11	Phase C	4 – 2 bolt mounting	35 (310)	M12 Hex	
	E12	Neutral	8 – 2 bolt mounting	35 (310)	M12 Hex	
Building, Inter-Cabinet, and Load Ground	Ground	Ground	14 - #14-1/0 pressure termination	5.1 (45)	Slotted	

NOTE The RIB breaker has 2 holes (or bores) to accept the input wiring; each with a set screw to secure the wiring. The 60 kW RIB breaker has a small bore with a 5/16" set screw which can accept wiring from 2/0 to 250 MCM. The larger bore with a 3/8" set screw can accept wiring from 2/0 to 500 MCM. The 120 kW RIB breaker has two same sized bores with 5/16" set screws.

The power wiring terminals for the Eaton 93PM-L 60 kW and 120 kW SIAC-B are pressure terminations. The power wiring connections for this equipment are UL and CSA rated. See [Table 8](#) for external power cable terminations.

[Figure 14](#) shows the locations of the SIAC-B power cable terminals.