

Redundant Power Supplies

To build a redundant power supply system, you need the following.

Cat. No.	Description	Amount
1756-PA75R/A, 1756-PA75RK/A, 1756-PAXTR, 1756-PB75R/A, 1756-PB75RK/A, or 1756-PBXTR	Redundant power supply	2
1756-CPR2 ⁽¹⁾ 1756-CPR2D ⁽²⁾ or 1756-CPR2U ⁽²⁾	Redundant power supply cable (Length = 0.91 m [3 ft])	2
1756-PSCA2, 1756-PSCA2K, or 1756-PSCA2XT	Redundant power supply chassis adapter ⁽³⁾	1
User-supplied	Annunciator wiring ⁽⁴⁾ (Length, max = 10 m [32.8 ft])	2

(1) Cable bend radius is 12.7 cm (5.0 in.).

(2) Requires 10.16 cm (4.0 in.) of clearance next to the chassis adapter.

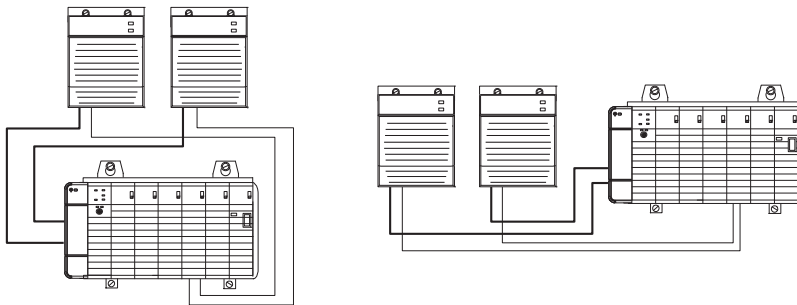
(3) The 1756-PSCA2 or 1756-PSCA-2XT chassis adapter is a passive device. The adapter funnels power from the redundant power supplies to the single power connector on the ControlLogix® series B chassis backplane.

(4) Optional user-provided annunciator wiring can be connected to the solid-state relay for status and troubleshooting.

System Configuration Recommendations

We recommend that you use one of these methods to configure your redundant power supply system.

Recommended Configurations for a System That Uses One Chassis



Recommended Configurations for a System That Uses Two Chassis

