



Infrastructure for the Architecture

Creating an electrical infrastructure that maximizes the reliability of your critical control circuits

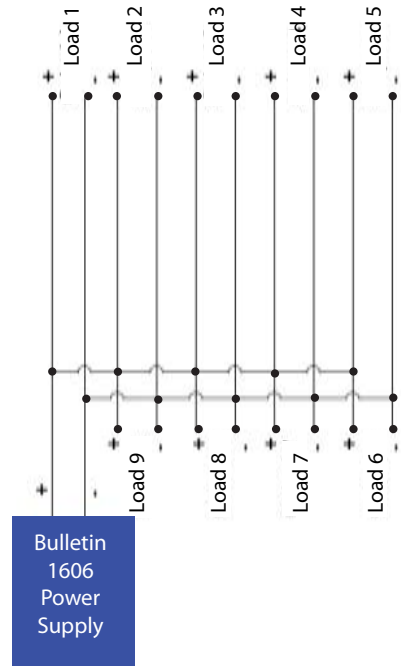
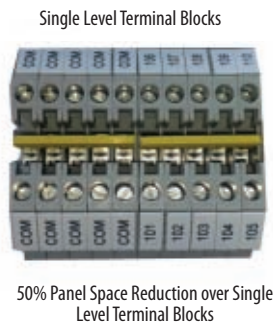
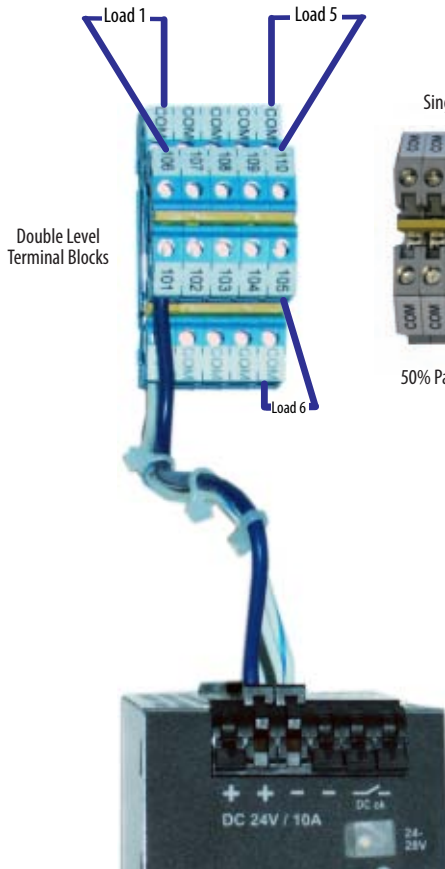
Distributing Power —Two Wire Applications

Application

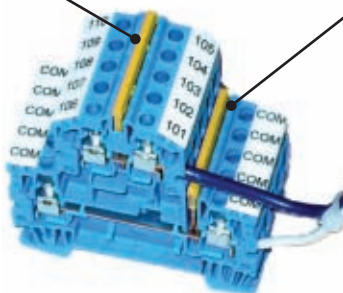
This solution is designed to distribute DC power to two wire applications like PLC output or input cards, relays, pilot lights, horns, beacons and tower lights.

Component Solution

This distribution Control DC solution minimizes the number of terminal blocks to distribute power. In this example, 5 double level terminal blocks are used to create 9 connections for devices. This allows for a very compact solution when panel space is limited. Compared to a single level terminal block, this solution offers a 50% panel space reduction. This solution allows for flexible expansion and for every additional terminal added, two additional connections are created. The 1492-JD4 terminal blocks are rated to 600V AC/DC and 35A and from #26-10 AWG wire. Therefore, larger power supplies or transformers may be used than the one shown.



This center jumper distributes a positive current from connection 101 to 102...110

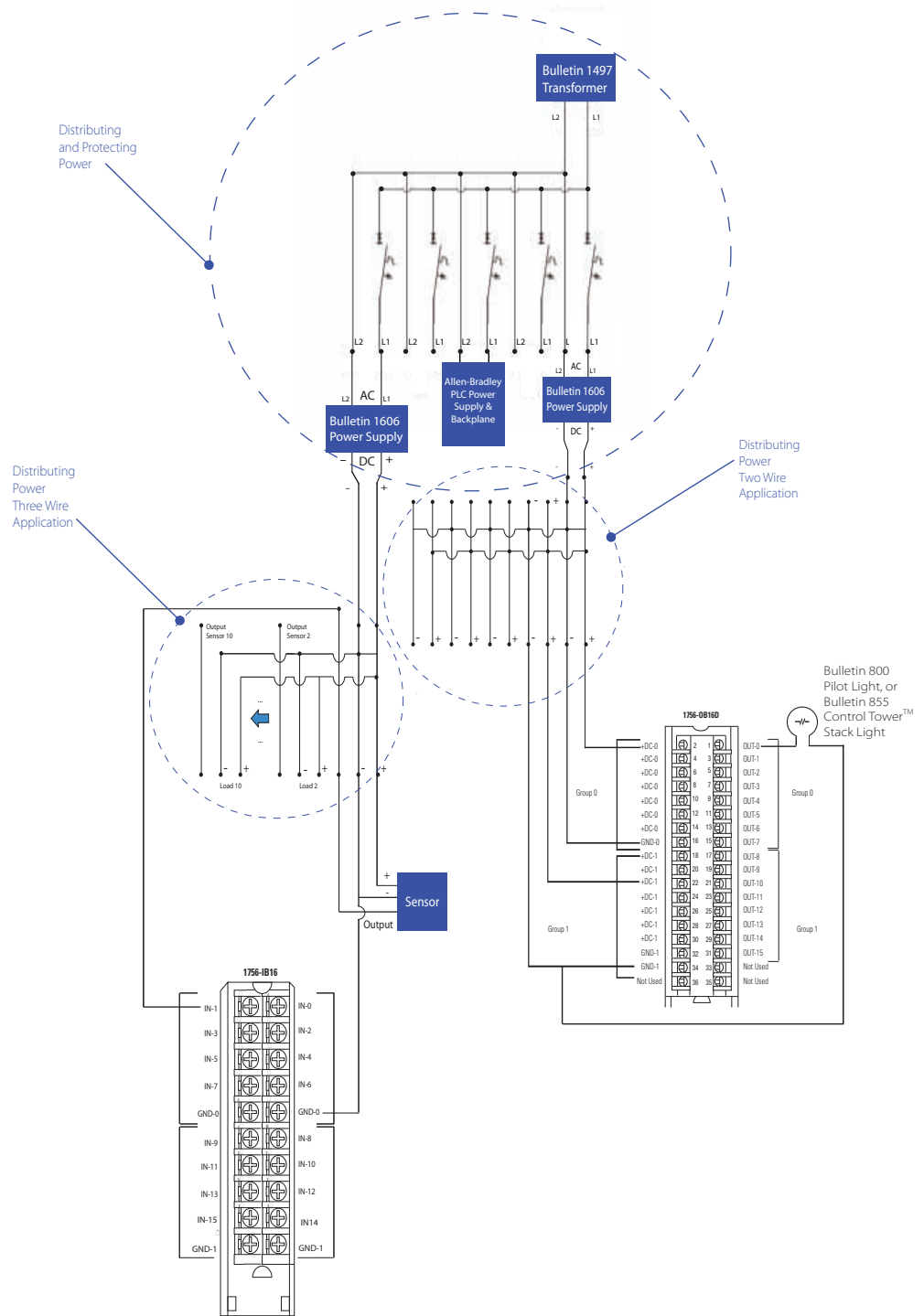


This center jumper connects all the negative connections to the common going back to the power supply

Component Solution Bill of Materials

Product	Cat. No.	Qty
Three circuit terminal block	1492-JD4-B	5
Push in center jumper	1492-CJLJ6-10	1
Blue end barrier (not shown)	1492-EBJD4-B	1
Terminal block marker tags	1492-MR6X8	1
10A power supply	1606-XLS240E	1

Typical Application



Allen-Bradley, Rockwell Software, and Rockwell Automation are trademarks of Rockwell Automation Inc.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846