

Are Your Terminal Blocks Taking Up Too Much Space?

Bulletin 1492

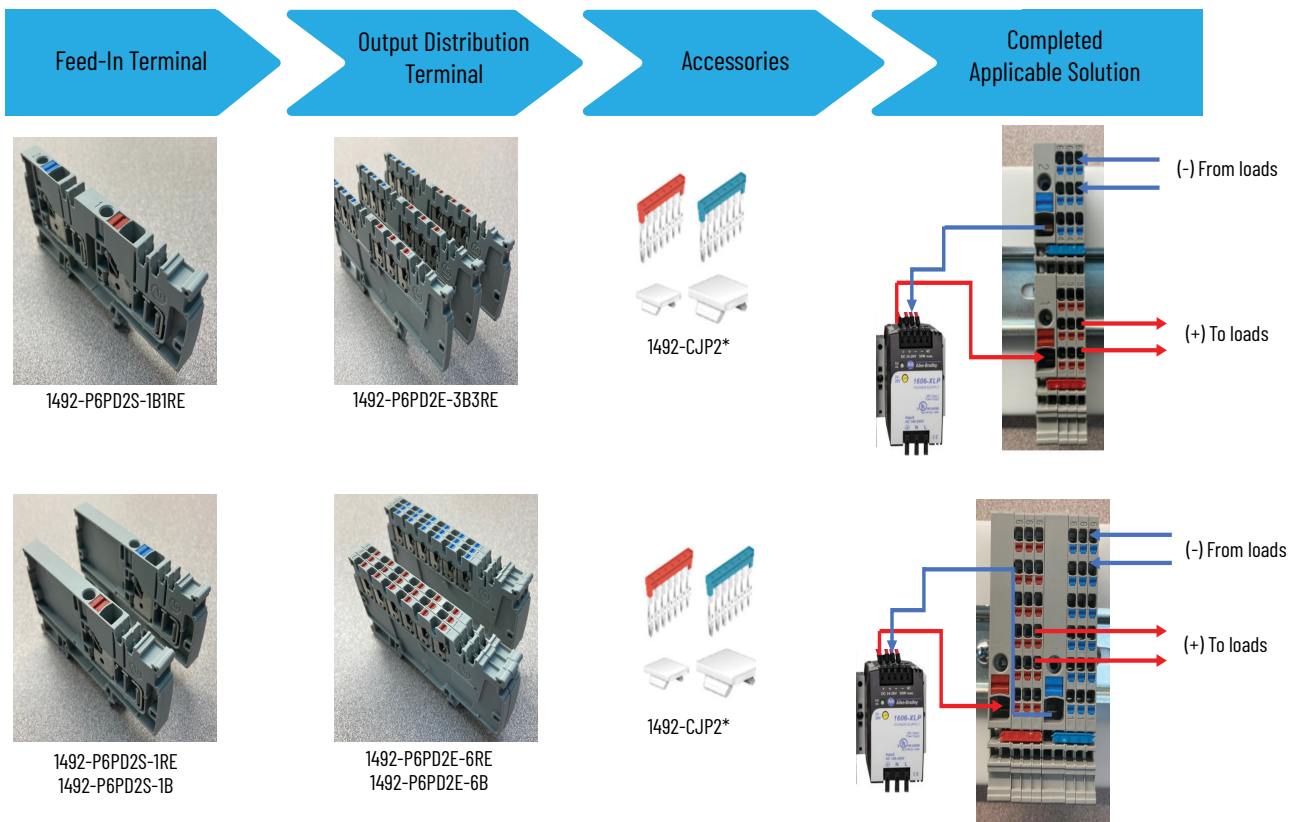
Control Power Distribution Terminal Blocks

Customer Need

Space consideration can become extremely important when planning control power distribution. With the Allen-Bradley® Bulletin 1492-P Control Power Distribution Blocks, you can save up to 60% space on a DIN rail – compared to standard terminal blocks. These control power distribution blocks also provide the following benefits:

- You can use up to six connection points per output distribution terminal.
- Colored actuators make it easy to distinguish between the positive and negative potentials.
- Terminal blocks are front-facing, which makes landing wires easier every time.
- Using ferrules cuts down on installation time by at least 50%.

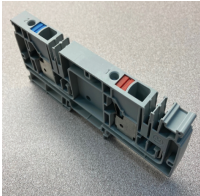
Control Power Distribution Terminal Blocks



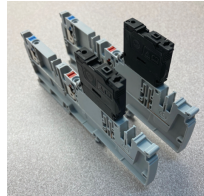
Control Power Distribution Terminal Blocks



(+/-) integrated into a single terminal block



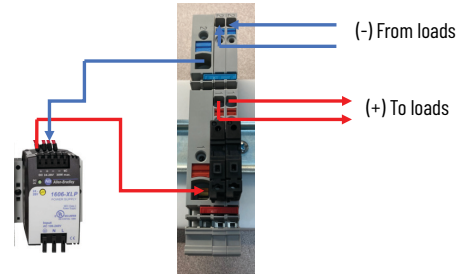
1492-P10PD4S-1B1RE



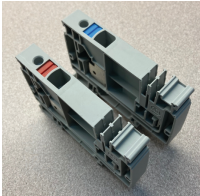
1492-P10PD4E-1B1FB



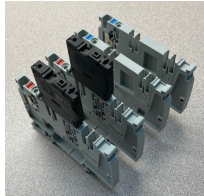
1492-CJP4*



(+/-) on separate terminal blocks



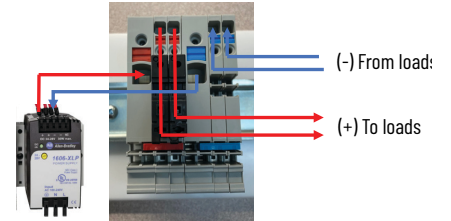
1492-P10PD4S-1RE
1492-P10PD4S-1B



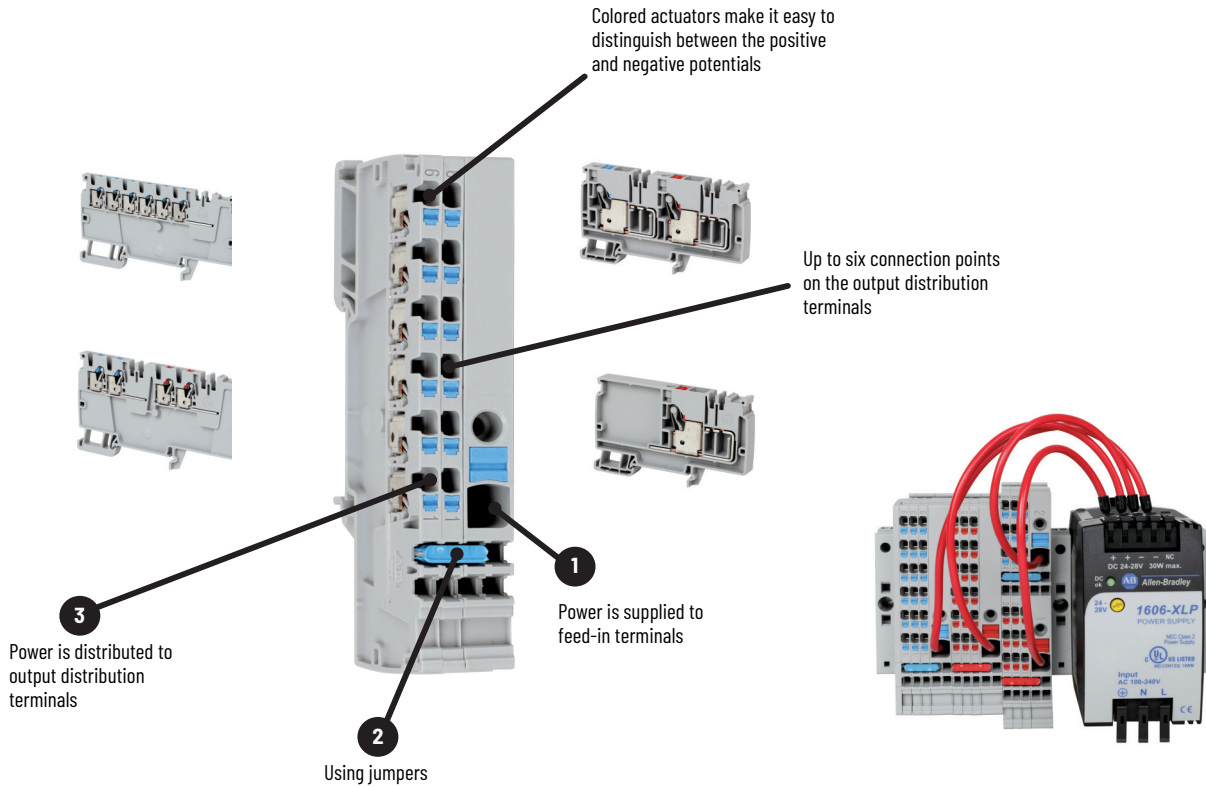
1492-P10PD4E-1FB
1492-P10PD4E-1B



1492-CJP4*



Control Power Distribution Terminal Blocks



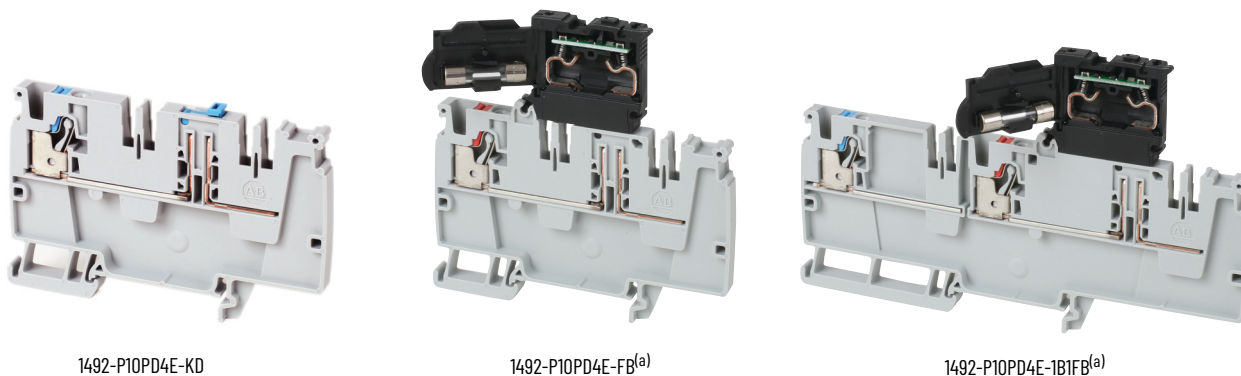
Block Type	Catalog Number		Wide Range (Rated Cross Section)
	Start (Feed-in)	End (Output)	
Standard	1492-P6PD2S-1B ⁽¹⁾	—	22...8 AWG (6.0 mm ²)
Standard	1492-P6PD2S-1RE ⁽¹⁾	—	22...8 AWG (6.0 mm ²)
With Grounding ⁽²⁾	1492-P66PD2S ⁽¹⁾	—	22...8 AWG (6.0 mm ²)
Standard	—	1492-P6PD2E-6B ⁽¹⁾	26...14 AWG (1.5 mm ²)
Standard	—	1492-P6PD2E-6RE ⁽¹⁾	26...14 AWG (1.5 mm ²)
Standard	1492-P6PD2S-1B1RE ⁽³⁾	—	22...8 AWG (6.0 mm ²)
With Grounding ⁽²⁾	1492-P6PD2S-1RE1G ⁽³⁾	—	22...8 AWG (6.0 mm ²)
Standard	—	1492-P6PD2E-3B3RE ⁽³⁾	26...14 AWG (1.5 mm ²)

(1) Shape/Size Configuration #1: (+/-) on separate terminal blocks
 (2) Not grounded to the DIN rail. This is a functional earth ground that allows you ground the minus potential of the power supply to 0 V.
 (3) Shape/Size Configuration #2: (+/-) integrated into a single terminal block

Block Type	Catalog Number		Wide Range (Rated Cross Section)
	Start (Feed-in)	End (Output)	
Standard	1492-P10PD3S-1B ⁽¹⁾	—	20...6 AWG (10.0 mm ²)
Standard	1492-P10PD3S-1RE ⁽¹⁾	—	20...6 AWG (10.0 mm ²)
With Grounding ⁽²⁾	1492-PG10PD3S ⁽¹⁾	—	20...6 AWG (10.0 mm ²)
Standard	—	1492-P10PD3E-5B ⁽¹⁾	28...12 AWG (2.5 mm ²)
Standard	—	1492-P10PD3E-5RE ⁽¹⁾	28...12 AWG (2.5 mm ²)
Standard	1492-P10PD3S-1B1RE ⁽²⁾⁽³⁾	—	20...6 AWG (10.0 mm ²)
With Grounding ⁽²⁾	1492-P10PD3S-1RE1G ⁽³⁾	—	20...6 AWG (10.0 mm ²)
Standard	—	1492-P10PD3E-2B2RE ⁽³⁾	28...12 AWG (2.5 mm ²)

(1) Shape/Size Configuration #1: (+/-) on separate terminal blocks
 (2) Not grounded to the DIN rail. This is a functional earth ground that allows you ground the minus potential of the power supply to 0 V.
 (3) Shape/Size Configuration #2: (+/-) integrated into a single terminal block

Control Power Distribution Terminal Blocks



(a) Available in non-indicating and LED indicating. LED indicating is available in 24, 48, 120 and 250V AC/DC.

Block Type	Catalog Number		Wire Range (Rated Cross Section)
	Start (Feed-in)	End (Output)	
Standard	1492-P10PD4S-1B ⁽¹⁾	–	20...6 AWG (10.0 mm ²)
Standard	1492-P10PD4S-1RE ⁽¹⁾	–	20... AWG (10.0 mm ²)
With Grounding ⁽²⁾	1492-PG10PD4S ⁽¹⁾	–	20...6 AWG (10.0 mm ²)
Standard	–	1492-P10PD4E-1B ⁽¹⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-1RE ⁽¹⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-KD ⁽¹⁾⁽³⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-FB ⁽¹⁾⁽⁴⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-FB24 ⁽¹⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-FB48 ⁽¹⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-FB120 ⁽¹⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-FB250 ⁽¹⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	1492-P10PD4S-1B1RE ⁽⁶⁾	–	20...6 AWG (10.0 mm ²)
With Grounding ⁽²⁾	1492-P10PD4S-1RE1G ⁽⁶⁾	–	20...6 AWG (10.0 mm ²)
Standard	–	1492-P10PD4E-1B1FB ⁽⁶⁾⁽⁴⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-1B1FB24 ⁽⁶⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-1B1FB48 ⁽⁶⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-1B1FB120 ⁽⁶⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)
Standard	–	1492-P10PD4E-1B1FB250 ⁽⁶⁾⁽⁵⁾	26...10 AWG (4.0 mm ²)

(1) Shape/Size Configuration #1: (+/-) on separate terminal blocks
 (2) Not grounded to the DIN rail. This is a functional earth ground that allows you ground the minus potential of the power supply to 0 V.
 (3) Includes knife disconnect/isolation
 (4) Includes non indicating fuse holder
 (5) Includes LED indicating fuse holder
 (6) Shape/Size Configuration #2: (+/-) integrated into a single terminal block

Additional Resources

These documents contain additional information about related products from Rockwell Automation.

Resource	Description
Bulletin 1492 In-Panel I/O Wiring System Modules and Cables for Allen-Bradley Programmable Controllers, publication 1492-BR016	Provides information on 1492 In-Panel I/O Wiring System Modules and Cables for Allen-Bradley Programmable Controllers.
Safety Guidelines for the Application, Installation, and Maintenance of Solid-state Control, publication SGI-1.1	Designed to harmonize with NEMA Standards Publication No. ICS 1.1-1987 and provides general guidelines for the application, installation, and maintenance of solid-state control in the form of individual devices or packaged assemblies incorporating solid-state components.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Selection and Configuration tools, rok.auto/systemtools	Helps configure complete, valid catalog numbers and build complete quotes based on detailed product information.
Rockwell Automation Global SCCR tool, rok.auto/sccr	Provides coordinated high-fault branch circuit solutions for motor starters, soft starters, and component drives.
Product Certifications website, rok.auto/certifications	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at [rok.auto/literature](#).

Rockwell Automation Support

Use these resources to access support information.

Technical Support Center	Find help with how-to videos, FAQs, chat, user forums, Knowledgebase, and product notification updates.	rok.auto/support
Local Technical Support Phone Numbers	Locate the telephone number for your country.	rok.auto/phonesupport
Technical Documentation Center	Quickly access and download technical specifications, installation instructions, and user manuals.	rok.auto/techdocs
Literature Library	Find installation instructions, manuals, brochures, and technical data publications.	rok.auto/literature
Product Compatibility and Download Center (PCDC)	Download firmware, associated files (such as AOP, EDS, and DTM), and access product release notes.	rok.auto/pcdc





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Rockwell Otomasyon Ticaret A.Ş. Kar Plaza İş Merkezi E Blok Kat:6 34752, İçerenköy, İstanbul, Tel: +90 (216) 5698400 EEE Yönetmeliğine Uygundur

Connect with us.    

rockwellautomation.com ————— **expanding human possibility®**

AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000

EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2663 0600

ASIA PACIFIC: Rockwell Automation SEA Pte Ltd, 2 Corporation Road, #04-05, Main Lobby, Corporation Place, Singapore 618494, Tel: (65) 6510 6608

UNITED KINGDOM: Rockwell Automation Ltd., Pitfield, Kiln Farm, Milton Keynes, MK11 3DR, United Kingdom, Tel: (44)(1908) 838-800