



134 SERIES POWER DISTRIBUTION BLOCKS

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Regal's new Marathon® 134 series provides panel builders an open style listed Power Distribution Block (PDB) that complies to the latest feeder circuit requirements for amp ranges 175-510A. This series rounds out our offering of listed PDBs that are to displace recognized power terminal blocks traditionally used in feeder circuits.

SPECIFICATIONS

- UL listed - UL1953 power distribution blocks
- Feeder circuit compliant per 508A requirements

FEATURES/BENEFITS

- Feeder circuit compliant
- Multiple wire ratings (per wire terminal)
- Flexible stranded wire ratings
- High SCCR ratings with fuse over-current protection
- Snap-on covers available
- Manufactured in the U.S.A.

APPLICATIONS

Applications include, but are not limited to, industrial control panels (508A) and commercial HVAC.



WHAT IS FEEDER CIRCUIT COMPLIANCE AND WHERE IS IT APPLICABLE?

The feeder circuit is the primary power input that delivers power throughout the panel. In the past, UL standards only required “recognized” terminal blocks to be used in this circuit. But today, UL has updated their standards to require “listed” power distribution blocks with increased spacing to be used (see table below).

POWER BLOCK EVOLUTION

TRADITIONAL SPACING



All power blocks were “recognized”.

SHORT TERM SOLUTION



To comply, recognized power blocks were put on fab board to meet feeder circuit requirements.

LONG TERM SOLUTION



Our 134 series provides a simple, cost effective solution for feeder circuit compliance.

50% Less Weight*

FEEDER & BRANCH CIRCUIT SPACING REQUIREMENTS - PER UL STANDARDS & APPLICATION TYPE

UL STANDARD ⁽¹⁾ (UP TO 251-600V)	LINE TO LINE OR PARTS OF OPPOSITE		LIVE PART TO GROUND	PRODUCT TO SATISFY MINIMUM ⁽²⁾ REQUIREMENTS	COMPLIANT PRODUCT SERIES ⁽³⁾
	THRU AIR	OVER SURFACE			
508A Feeder Circuits	1"	2"	1"	Listed Power Distribution Blocks	EPB, 134, 135
508A Branch Circuits	3/8"	1/2"	1/2"	Class B or C <u>Recognized</u> Terminal Blocks	141, 132, 133, 145
1995 HVAC Circuits ⁽⁴⁾	3/8"	1/2"	1/2"	Class B or C <u>Recognized</u> Terminal Blocks	141, 132, 133, 145

⁽¹⁾ All cited standards and ratings should be verified to the current revision and full requirements.

⁽²⁾ Listed power distribution blocks can be used in all applications as they exceed spacing requirements.

- Recognized power terminal blocks may be suitable in a feeder circuit, should they meet the spacing requirements at the application voltage level.

⁽³⁾ Primary series promoted - 142, 143 & 144 are still available

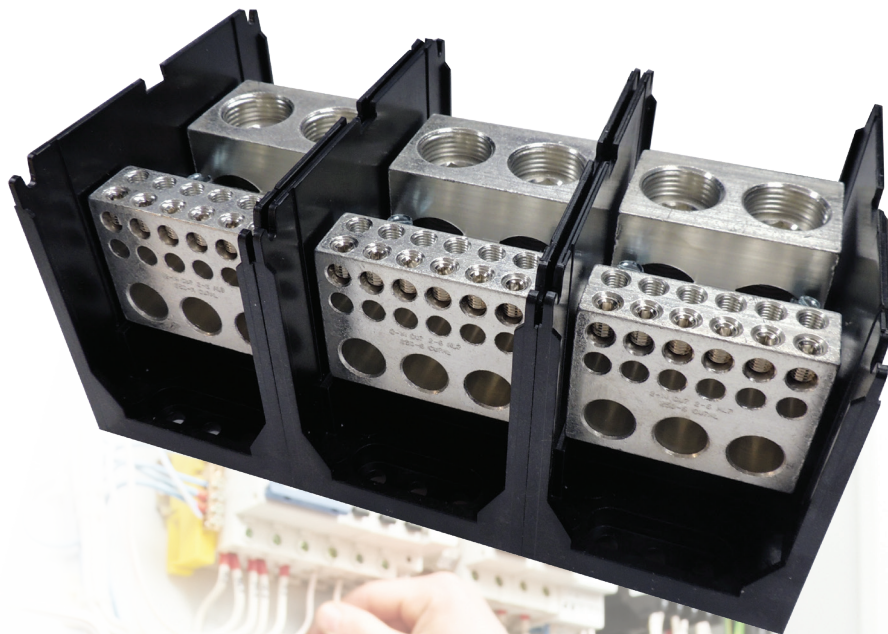
⁽⁴⁾ UL 1995 control circuits used to start, stop, regulate or control the speed of a motor is to comply with the standard for industrial control equipment, UL 508 (per 3.10.3.1).

* 50% less weight over comparable short term solutions.

OTHER FEEDER CIRCUIT SOLUTIONS

135 SERIES

- Open style high amp (475 - 950A) power distribution blocks
- Dual 750 kcmil inputs with various distribution options
- <http://www.marathonsp.com/splicer-distribution-power-blocks.php>



ENCLOSED POWER DISTRIBUTION BLOCKS

- 115-760 amp series with touch proof protection
- Modular, snap-together design for versatility
- <http://www.marathonsp.com/enclosed-power-blocks.php>



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AMPS	CATALOG #	LINE SIDE		LOAD SIDE	
		WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/POLE
175	1343580	2/0 - #14	1 	#4 - #14	6 
200	1343570	3/0 - #14	1 	#2 - #14	4 
200	1343572	3/0 - #14	1 	3/0 - #14	1 
200	1343548	3/0 - #14	1 	(2) #2 - #14 (6) #6 - #14	8 
310	1343582	350 - #6	1 	350 - #6	1 
335	1343553	400 - #6	1 	#2 - #14	6 
350	1343555	2/0 - #14	2 	#4 - #14	6 
420	1343585	600 - #2	1 	#2 - #14	8 
420	1343595	600 - #2	1 	#4 - #14	12 
420	1343588	600 - #2	1 	(6) #2 - #14 (3) 1/0 - #14	9 
510	1343596	250 - #6	2 	#4 - #14	12 
510	1343597	250 - #6	2 	#2 - #14	8 

AVAILABLE COVER: CH1343

SNAP-ON DESIGN WITH DUAL HINGE ACTION!





marathon®
Special Products

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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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