

DATE: January 4<sup>th</sup>, 2024

SUBJECT: PRODUCT MODIFICATION NOTICE – **145 Series** Power Blocks

Marathon Special Products is announcing a change in the design of our 145 Series Power Blocks. This product change is due to modern UL requirements for Power Distribution blocks to be UL Listed (vs UL recognized), functional improvements, updating tooling to maintain supply, as well as utilizing a sustainable/recyclable material for the insulator base.

This will be a running change that has **no effect on catalog numbers**.

This will change the agency certification, as it is upgraded from a UL recognized product to a UL Listed product, and the CSA certification in most cases will now be covered by a cUL review, where UL certifies that they have been tested to the CSA standard. Due to lack of timely service, we will no longer work with CSA for Canadian coverage.

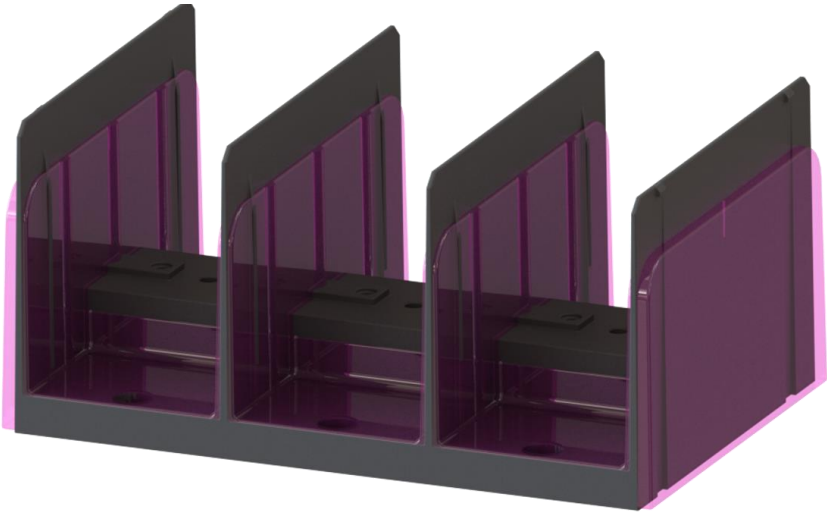
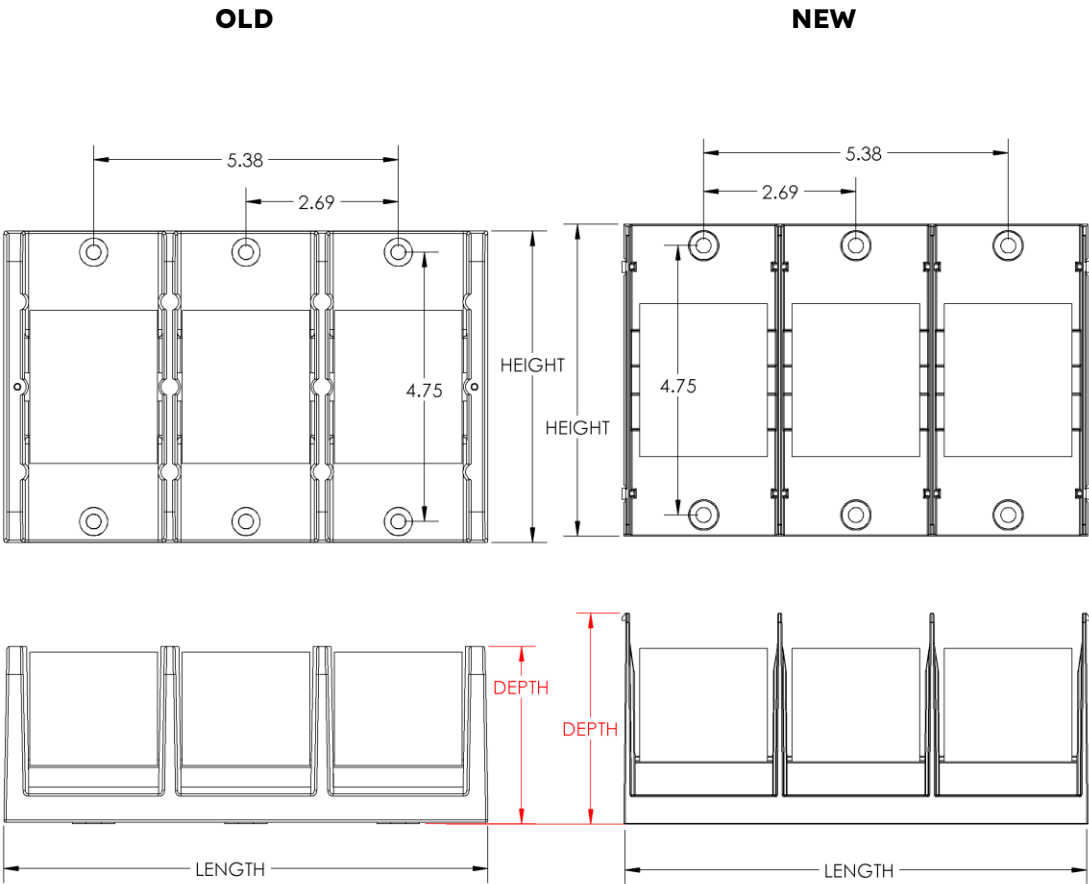
**Your agency files may need to be updated.** File numbers are noted in the table below.

The only rating change is the relative temperature index (RTI) rating of the insulator material noted below. This new, lower rating is still equal to or better than many other components utilized in the same panels these are used in today, and 50°C higher than what most industrial control panels are approved to operate at (75°C).

### Change Overview:

	Old Version	New Version
Insulator Material	General Purpose Phenolic	Thermoplastic, Glass filled Polycarbonate
Insulator RTI Rating	150°C	125°C
Insulator Surface Finish	Semi- Gloss	Flat/matte
Recyclable/Sustainable Materials	No	Yes
Robustness	Brittle, low impact strength	Robust, high impact strength
Weight	Baseline existing models	25% reduction (average)
Cover Attachment	Screw-On (laborious)	Snap-on
UL approval	UL1059 (terminal blocks)	UL1953 (Power Dist. Blocks)
UL File Number	XCFR2.E62806	QPQS.E309401
CSA approval	CSA certified	UL certified to the CSA standard
CSA File Number	LR19766	QPQS7.309401
Dimensions (LxHxD, for a 3-pole) <i>See Drawing Below</i>	8.54 x 5.50 x <b>3.10</b>	8.25 x 5.50 x <b>3.92</b>
Mounting Dimensions	Same	
Catalog Numbers	Same	
Other Component Materials	Same	
Electrical & Mechanical Ratings	Same	

**Dimensional Changes:**



**New (.82" depth inc.)**

**Old**

**This will be a running change with no variance to the catalog numbers.**

Products will be converted to the new design **around** early April 2024, **but will vary** depending on when production tooling is in place, when inventory is depleted and the first time a particular version is manufactured. Please feel free to email or call with any questions regarding this product modification.

**Catalog Numbers Affected:**

1-Pole	2-Pole	3-Pole
1451129	1452129	1453129
1451282	1452282	1453282
1451301	1452301	1453301
1451408	1452408	1453408
1451411	1452411	1453411
1451552	1452552	1453552
1451573	1452573	1453573
1451579	1452579	1453579
1451583	1452583	1453583
1451586	1452586	1453586
1451592	1452592	1453592
1451594	1452594	1453594
-	1452597	1453597
1451599	1452599	1453599
1451606	1452606	1453606
1451610	1452610	1453610
1451613	1452613	1453613
1451615 **	1452615 **	1453615 **
1451986	1452986	1453986
1451992	1452992	1453992
-	-	1453552 IH
-	-	1453592 IH
1451599 2	1452599 2	1453599 2
-	1452301 2	1453301 2
-	1452613 2	-
		1453552 IH 2
		1453129 3
		1453573 5
		1453586 15
		1453282 18
		1453301 18
		1453586 18
		1453599 18
		1453411 46
		1453586 46
		1453592 46
	1452589 73876	1453589 73876

\*\* These models will remain recognized.

Please feel free to email or call with any questions regarding this product modification.

Regards,

Joe Brown

Product/Marketing Manager



Automation and Motion Control

Marathon Special Products

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