

POWEREX[®] Product Change Notification

LDR3__54 To Be Offered as Replacement for LD43__50 POW-R-BLOK™ # : 2017-020 Rev.: 01



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Subject of Change:

Introduction of new part type LDR3__54 to be offered as a direct replacement for Powerex LD43__50 dual SCR modules. They are drop in replacements both mechanically and electrically with minor differences noted below.

Description of Change:

Resulting from the transfer of the manufacturing operations for the LD43 module from the former Powerex facility located in Morocco to the Powerex manufacturing partner facility located in Poland to provide increased options in supply Powerex will be offering a new product LDR3__54 for consideration as a replacement for the LD43__50 module. There will be differences in the mechanical and electrical characteristics. Please review the product data sheet and make determination as to whether this product will be a suitable replacement for use in their application. It is an equivalent replacement. These differences include, but are not limited, to the following:

- Slightly less overall length dimension (149 mm) for the LDR3 as compared to the 150 mm overall length of the LD43.
- Slightly wider terminals (26 mm on terminals 2 & 3) for the LDR3 as compared to the terminal widths for the LD43 (25.4 mm on terminals 2 & 3)
- A slightly smaller screw depth under the terminals of 17 mm for the LDR3 as compared to the 17.5 mm depth for the LD43

This module is being developed with a manufacturing partner with a country of origin of Russia that has a quality management system that is in compliance with ISO 9001. This product is RoHS and REACH compliant. UL Recognition for this product is pending.

Reason for Change:

A new product is being introduced to assist with customer demand after unforeseen issues and difficulties with the transition of the LD43__50 dual SCR modules from the former Powerex manufacturing facility located in Morocco which was to be transferred to the former Westinghouse site and manufacturing partner facility located in Poland earlier this year.

Identification of Change:

This new product will be identified by a new part number LDR3__54 and will be labeled with PRX RU. This module package has slightly different physical characteristics that differentiate it from the original LD43__50 modules.

Time Schedule for Change:

Delivery Begins: Third Quarter of 2017

Supporting Documentation:

Attachment – LDR3__54 Data Sheet

Quality Management system:

The Powerex partner manufacturing facility has a quality system that is in compliance with ISO 9001. Parts will be qualified at the Powerex Youngwood, PA facility which has a quality system that is in compliance with ISO 9001 and AS9100.

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Customer Approval for: PCN # 2017-020

- Please check the appropriate box and return this form to Powerex or our manufacturing representative within 30 days.
- According to JEDEC Standard JESD46, a lack of response to this product change notification within 30 days constitutes the customer's acceptance of the change.

We agree with this change and its schedule.

We have objection(s) as noted here:

We request additional information:

Customer:

Signature:

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Recommended Replacements for LD43__50 Dual SCR Modules

LD43 Part	Recommended Replacement
LD430850	LDR30854
LD431050	LDR31054
LD431250	LDR31254
LD431450	LDR31454
LD431650	LDR31654
LD431850	LDR31854