FOWEREX

Get a Quote



LD431843

ECAD Model

LD431843 Manufacturer Part Number

Manufacturer Powerex, Inc.

Allelco Part Number 32D-LD431843

SCR MOD ISO DUAL 1800V 430A Parts Description

POW-R-BLOK™ Module Package

LD43 Module Terminal Locations Brief.pdf Data sheet

Request Free CAD Models

LD43xx43.pdf

RoHS Compliant RoHs Status

LD431843 - Powerex Inc..New Original in Stock. Download Linear Technology LD431843 datasheet/specifications on AllelcoElec.com.

Request a quote for LD431843, please send us email: info@allelco.com

Specifications

LD431843 Tech Specifications

LD431843 - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Off State	1.8 kV	Number of SCRs, Diodes	2 SCRs
Voltage - Gate Trigger (Vgt) (Max)	3 V	Mounting Type	Chassis Mount
Structure	Series Connection - All SCRs	Current - On State (It (RMS)) (Max)	800 A
Series	-	Current - On State (It (AV)) (Max)	430 A
Package / Case	POW-R-BLOK™ Module	Current - Non Rep. Surge 50, 60Hz (Itsm)	14000A, 16000A
Package	Bulk	Current - Gate Trigger (Igt) (Max)	200 mA

Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. LD431843

Product Attribute	NO PICTURE		#OWEREX	#OWEREX
Part Number	LD431843	LD431850	LD432243	LD470850
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Number of SCRs, Diodes	2 SCRs	2 SCRs	2 SCRs	1 SCR, 1 Diode
Current - On State (It (AV)) (Max)	430 A	-	430 A	500 A
Structure	Series Connection - All SCRs	Series Connection - All SCRs	Series Connection - All SCRs	Series Connection - SCR/Diode
Current - Non Rep. Surge 50, 60Hz (Itsm)	14000A, 16000A	16300A, 17000A	14000A, 16000A	16300A, 17000A
Voltage - Off State	1.8 kV	1.8 kV	2.2 kV	800 V
Package / Case	POW-R-BLOK™ Module	POW-R-BLOK™ Module	POW-R-BLOK™ Module	POW-R-BLOK™ Module
Current - Gate Trigger (Igt) (Max)	200 mA	200 mA	200 mA	200 mA
Package	Bulk	Bulk	Bulk	Bulk
Current - On State (It (RMS)) (Max)	800 A	900 A	800 A	785 A
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Voltage - Gate Trigger (Vgt) (Max)	3 V	3 V	3 V	3 V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 130°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 130°C (TJ)
Series	-	-	-	-

LD431843 Datasheet PDF

Download LD431843 pdf datasheets and Powerex Inc. documentation for LD431843 - Powerex Inc..

Datasheets

LD43 Module Terminal Locations Brief.pdf

LD43xx43.pdf

Other Related Documents

SCR Module Selection Guide.pdf

PCN Assembly/Origin

POW-R-BLO 04/Nov/2016.pdf

Customers Also Interested in

Recommended Products











LD431650NA

Powerex, Inc.



LD432050NC

Powerex, Inc.

LD431850 Powerex Inc. NO PICTURE

LD431450NC

Powerex, Inc.

LD430850NC

Powerex, Inc.

COWEREX

CONTREX

CWEREX

MOWEREX

COWEREX



LD432243

Powerex Inc. SCR MOD ISO DUAL 2200V 430A LD432250NC

Powerex, Inc.

IGBT Module

LD470850 Powerex Inc.

Powerex, Inc. IGBT Module

LD431850NC

LD431450

Powerex Inc.

SCR MOD ISO DUAL 1400V 500A

Powerex Inc. SCR MOD ISO DUAL 800V 500A

LD430850

OWEREX



SCR MOD ISO DUAL 800V 500A

Powerex Inc. SCR MOD ISO DUAL 1200V 500A

LD431650

NO PICTURE

LD431250

Powerex Inc. SCR MODULE DUAL ISO 1600V 500A LD471250 Powerex Inc.

SCR MOD ISO DUAL 1200V 500A

Powerex Inc. SCR MOD ISO DUAL 2200V 430A

LD422243

Powerex Inc. SCR MOD ISO DUAL 2000V 430A

LD432043

LD431650

Solid State Inc. MODULE 1600 V 500AMP

Shipment

Delivery Time In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference				
Region	Country	Logistic Time(Day)		
America	United States	5		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noid	Japan	7		
Middle East	Israel	6		

DHL & FedEx Shipment Charges Reference				
Shipment charges(KG)	Reference DHL(USD\$)			
0.00kg-1.00kg	USD\$60.00			
1.00kg-2.00kg	USD\$70.00			
2.00kg-3.00kg	USD\$80.00			

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.











Your Faithful Supply Chain Partner -



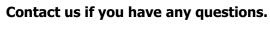
Efficient Supply

Management















Certifications & Memberships













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