ND431221

Manufacturer Part Number	ND431221
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-ND431221
ECAD Model	Request Free CAD Models
Parts Description	SCR MOD ISO DUAL 1200V 210A
Package	POW-R-BLOK™ Module
Data sheet	Cylindrical Battery Holders.pdf
RoHS Status	RoHS Compliant

POWEREX   **Get a Quote**

ND431221 - Powerex Inc..New Original in Stock. Download Linear Technology ND431221 datasheet/specifications on AllelcoElec.com.
Request a quote for ND431221, please send us email: info@allelco.com

Specifications

ND431221 Tech Specifications
ND431221 - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	Operating Temperature	-40℃ ~ 130℃ (TJ)
Voltage - Off State	1.2 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)	330 A
Series	-	Current - On State (It (AV)) (Max)	210 A
Package / Case	POW-R-BLOK™ Module	Current - Non Rep. Surge 50, 60Hz (Itsm)	11190A @ 60Hz
Package	Bulk	Current - Gate Trigger (Igt) (Max)	150 mA

Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. ND431221

Product Attribute	NO PICTURE	POWEREX	POWEREX	POWEREX
Part Number	ND431221	ND430625	ND421821	ND431021
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Package	Bulk	Bulk	Bulk	Bulk
Voltage - Gate Trigger (Vgt) (Max)	3 V	3 V	3 V	3 V
Number of SCRs, Diodes	2 SCRs	2 SCRs	1 SCR, 1 Diode	2 SCRs
Current - Gate Trigger (Igt) (Max)	150 mA	150 mA	150 mA	150 mA
Voltage - Off State	1.2 kV	600 V	1.8 kV	1 kV
Current - On State (It (AV)) (Max)	210 A	250 A	210 A	210 A
Series	-	POW-R-BLOK™	-	POW-R-BLOK™
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Structure	Series Connection - All SCRs	Series Connection - All SCRs	Series Connection - SCR/Diode	Series Connection - All SCRs
Current - Non Rep. Surge 50, 60Hz (Itsm)	11190A @ 60Hz	8800A @ 60Hz	11190A @ 60Hz	10120A @ 60Hz
Current - On State (It (RMS)) (Max)	330 A	393 A	330 A	330 A
Operating Temperature	-40℃ ~ 130℃ (TJ)	-40℃ ~ 130℃ (TJ)	-40℃ ~ 130℃ (TJ)	-40℃ ~ 130℃ (TJ)
Package / Case	POW-R-BLOK™ Module	Module	POW-R-BLOK™ Module	Module

ND431221 Datasheet PDF

Download ND431221 pdf datasheets and Powerex Inc. documentation for ND431221 - Powerex Inc..

Datasheets

Cylindrical Battery Holders.pdf

Other Related Documents

SCR Module Selection Guide.pdf

PCN Assembly/Origin

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

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

ND430625	ND421821	ND431021	ND430825	ND421625	ND432021
Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
SCR MOD ISO DUAL 600V 250A	SCR MOD ISO DUAL 1800V 210A	SCR MOD ISO DUAL 1000V 210A	SCR MOD ISO DUAL 800V 250A	SCR MOD ISO DUAL 1600V 250A	SCR MOD ISO DUAL 2000V 210A

ND421421	ND421825	ND431225	ND431821	ND432025	ND431625
Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
SCR MOD ISO DUAL 1400V 210A	SCR MOD ISO DUAL 1800V 250A	SCR MOD ISO DUAL 1200V 250A	SCR MOD ISO DUAL 1800V 210A	SCR MOD ISO DUAL 2000V 250A	SCR MODULE ISO DUAL 1600V 250A

ND431425	ND431825	ND430821	ND431421	ND421425	ND431621
Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
SCR MOD ISO DUAL 1400V 250A	SCR MOD ISO DUAL 1800V 250A	SCR MOD ISO DUAL 800V 210A	SCR MOD ISO DUAL 1400V 210A	SCR MOD ISO DUAL 1400V 250A	SCR MOD ISO DUAL 1600V 210A

◢ 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
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	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.

EAST WEST BANK
MasterCard
VISA
WESTERN UNION
PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016 QUALITY MANAGEMENT
ISO 9001:2015 CERTIFIED COMPANY
ISO 14001:2015 CERTIFIED COMPANY
ISO 28000:2007
IPC Member
SMTA Surface Mount Technology Association

View More

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