





ND421421

Manufacturer Part Number	ND421421
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-ND421421
ECAD Model	 Request Free CAD Models
Parts Description	SCR MOD ISO DUAL 1400V 210A
Package	POW-R-BLOK™ Module
Data sheet	ND42xx21.pdf
RoHS Status	 RoHS Compliant



Get a Quote

ND421421 - Powerex Inc..New Original in Stock. Download Linear Technology ND421421 datasheet/specifications on AllelcoElec.com.

 Request a quote for ND421421, please send us email: info@allelco.com

Specifications





ND421421 Tech Specifications

ND421421 - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	Operating Temperature	-40°C ~ 130°C (TJ)
Voltage - Off State	1.4 kV	Number of SCRs, Diodes	1 SCR, 1 Diode
Voltage - Gate Trigger (Vgt) (Max)	3 V	Mounting Type	Chassis Mount
Structure	Series Connection - SCR/Diode	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 (I _{tsm})	11190A @ 60Hz
Package	Bulk	Current - Gate Trigger (Igt) (Max)	150 mA

Parts with Similar Specifications

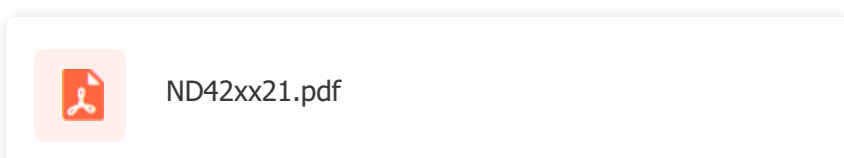
The three parts on the right have similar specifications to Powerex Inc. ND421421

Product Attribute	 NO PICTURE			
Part Number	ND421421	ND421025	ND431021	ND420825
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	11190A @ 60Hz	8800A @ 60Hz	10120A @ 60Hz	8800A @ 60Hz
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Structure	Series Connection - SCR/Diode	Series Connection - SCR/Diode	Series Connection - All SCRs	Series Connection - SCR/Diode
Voltage - Gate Trigger (Vgt) (Max)	3 V	3 V	3 V	3 V
Current - On State (It (AV)) (Max)	210 A	250 A	210 A	250 A
Package / Case	POW-R-BLOK™ Module	Module	Module	POW-R-BLOK™ Module
Series	-	POW-R-BLOK™	POW-R-BLOK™	-
Current - On State (It (RMS)) (Max)	330 A	393 A	330 A	393 A
Number of SCRs, Diodes	1 SCR, 1 Diode	1 SCR, 1 Diode	2 SCRs	1 SCR, 1 Diode
Current - Gate Trigger (Igt) (Max)	150 mA	150 mA	150 mA	150 mA
Package	Bulk	Bulk	Bulk	Bulk
Operating Temperature	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)
Voltage - Off State	1.4 kV	1 kV	1 kV	800 V

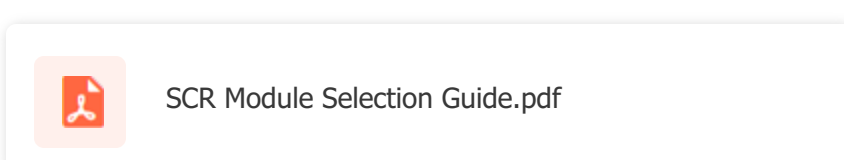
ND421421 Datasheet PDF

Download ND421421 pdf datasheets and Powerex Inc. documentation for ND421421 - Powerex Inc..

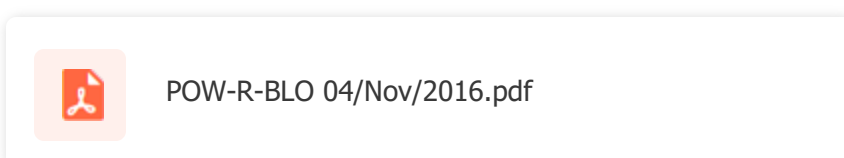
Datasheets



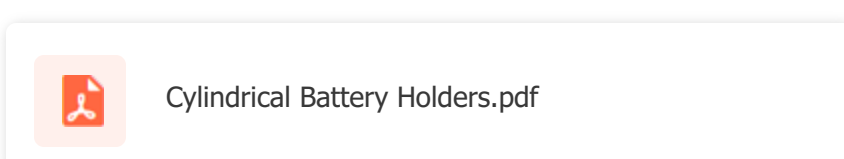
Other Related Documents



PCN Assembly/Origin



PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products



ND421025

Powerex Inc.
SCR MOD ISO DUAL 1000V 250A

ND431021

Powerex Inc.
SCR MOD ISO DUAL 1000V 210A

ND420825

Powerex Inc.
SCR MOD ISO DUAL 800V 250A

ND420625

Powerex Inc.
SCR MOD ISO DUAL 600V 250A

ND421621

Powerex Inc.
SCR MOD ISO DUAL 1600V 210A

ND430625

Powerex Inc.
SCR MOD ISO DUAL 600V 250A



NO PICTURE



ND412G-2-T2

NEC

ND421225

Powerex Inc.
SCR MOD ISO DUAL 1200V 250A

ND421221

Powerex Inc.
SCR MOD ISO DUAL 1200V 210A

ND420821

Powerex Inc.
SCR MOD ISO DUAL 800V 210A

ND413025

Powerex, Inc.
IGBT Module

ND421821

Powerex Inc.
SCR MOD ISO DUAL 1800V 210A



ND430821

Powerex Inc.
SCR MOD ISO DUAL 800V 210A

ND431221

Powerex Inc.
SCR MOD ISO DUAL 1200V 210A

ND421625

Powerex Inc.
SCR MOD ISO DUAL 1600V 250A

ND421825

Powerex Inc.
SCR MOD ISO DUAL 1800V 250A

ND430825

Powerex Inc.
SCR MOD ISO DUAL 800V 250A

ND421425

Powerex Inc.
SCR MOD ISO DUAL 1400V 250A

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.



Your Faithful Supply Chain Partner -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
 +00852 9146 4856
 Email
 info@allelco.com

Certifications & Memberships



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