



ND420821

Manufacturer Part Number	ND420821
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-ND420821
ECAD Model	Request Free CAD Models
Parts Description	SCR MOD ISO DUAL 800V 210A
Package	POW-R-BLOK™ Module
Data sheet	ND42xx21.pdf
RoHS Status	RoHS Compliant



Get a Quote

ND420821 - Powerex Inc..New Original in Stock. Download Linear Technology ND420821 datasheet/specifications on AllelcoElec.com.

Request a quote for ND420821, please send us email: info@allelco.com

Specifications

ND420821 Tech Specifications

ND420821 - 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	800 V	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 (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. ND420821

Product Attribute				
Part Number	ND420821	ND421621	ND421425	ND421821
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Number of SCRs, Diodes	1 SCR, 1 Diode	1 SCR, 1 Diode	1 SCR, 1 Diode	1 SCR, 1 Diode
Package / Case	POW-R-BLOK™ Module	POW-R-BLOK™ Module	POW-R-BLOK™ Module	POW-R-BLOK™ Module
Current - Gate Trigger (Igt) (Max)	150 mA	150 mA	150 mA	150 mA
Voltage - Off State	800 V	1.6 kV	1.4 kV	1.8 kV
Current - On State (It (RMS)) (Max)	330 A	330 A	393 A	330 A
Current - On State (It (AV)) (Max)	210 A	210 A	250 A	210 A
Operating Temperature	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)	-40°C ~ 130°C (TJ)
Package	Bulk	Bulk	Bulk	Bulk
Current - Non Rep. Surge 50, 60Hz (Itsm)	11190A @ 60Hz	11190A @ 60Hz	8800A @ 60Hz	11190A @ 60Hz
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Voltage - Gate Trigger (Vgt) (Max)	3 V	3 V	3 V	3 V
Structure	Series Connection - SCR/Diode	Series Connection - SCR/Diode	Series Connection - SCR/Diode	Series Connection - SCR/Diode
Series	-	-	-	-

ND420821 Datasheet PDF

Download ND420821 pdf datasheets and Powerex Inc. documentation for ND420821 - Powerex Inc..

Datasheets

ND42xx21.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



ND421621

Powerex Inc.
SCR MOD ISO DUAL 1600V 210A

ND421425

Powerex Inc.
SCR MOD ISO DUAL 1400V 250A

ND421821

Powerex Inc.
SCR MOD ISO DUAL 1800V 210A

ND421025

Powerex Inc.
SCR MOD ISO DUAL 1000V 250A

ND412426

Powerex Inc.
DIODE MODULE DUAL

ND420825

Powerex Inc.
SCR MOD ISO DUAL 800V 250A



ND412226

Powerex Inc.
DIODE MODULE DUAL

ND421221

Powerex Inc.
SCR MOD ISO DUAL 1200V 210A

ND421225

Powerex Inc.
SCR MOD ISO DUAL 1200V 250A

ND413025

Powerex, Inc.
IGBT Module

ND420625

Powerex Inc.
SCR MOD ISO DUAL 600V 250A

ND412825

Powerex, Inc.
IGBT Module



NO PICTURE



NO PICTURE

ND421625

Powerex Inc.
SCR MOD ISO DUAL 1600V 250A

ND421421

Powerex Inc.
SCR MOD ISO DUAL 1400V 210A

ND412G-2-T2

NEC

ND412032

Powerex, Inc.
IGBT Module

ND421825

Powerex Inc.
SCR MOD ISO DUAL 1800V 250A

ND412G-2-T1

NEC

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.

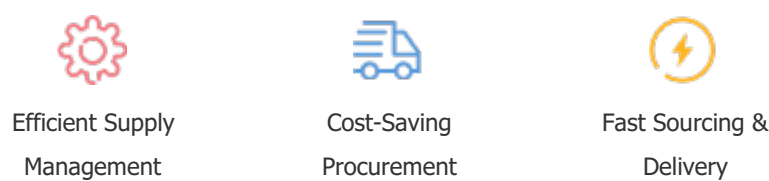
Contact us if you have any questions.

Payment Support

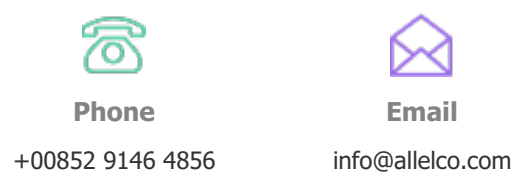
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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