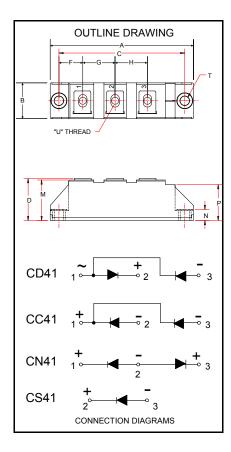


Powerex, Inc., Hillis Street, Youngwood, Pennsylvania 15697 (724) 925-7272

POW-R-BLOK[™]
Dual & Single Diode Isolated Module
100 Amperes / Up to 1800 Volts



Outline Dimensions

Dimension	Inches	Millimeters	
Α	3.66	93	
В	0.79	20	
С	3.15	80	
D	1.18	30	
F	0.61	15.5	
G	0.79	20	
Н	0.79	20	
М	1.16	29.4	
N	0.31	8	
Р	0.94	24	
T	0.25	6.4	
U	M5	M5	
Note: Dimensions are for reference only.			



CD41__99B, CS41__99B CN41__99B, CC41__99B Dual & Single Diode Isolated POW-R-BLOKTM Module 100 Amperes / Up to 1800 Volts

Ordering Information:

Select the complete nine digit module part number from the table below. Example: CD411699B is a 1600 Volt, 100 Ampere Dual Diode Isolated *POW-R-BLOK*TM Module

Туре	Voltage Volts (x100)	Current Amperes	Version
CD41	08	99	В
CC41	12	(100 A)	
CN41	14 16		
CS41	18		

Description:

Powerex Dual Diode & Single Diode Modules are designed for use in applications requiring rectification and isolated packaging. The modules are isolated for easy mounting with other components on a common heatsink. POW-R-BLOKTM has been tested and recognized by the Underwriters Laboratories.

Features:

- Electrically Isolated Heatsinking
- DBC Alumina (Al₂O₃) Insulator
- Copper Baseplate
- Low Thermal Impedance for Improved Current Capability

Benefits:

- No Additional Insulation Components Required
- Easy Installation
- No Clamping Components Required
- Reduce Engineering Time

Applications:

- Power Supplies
- Bridge Circuits
- AC & DC Motor Drives
- Battery Supplies
- Large IGBT Circuit Front Ends
- Lighting Control
- Heat & Temperature Control
- Welders