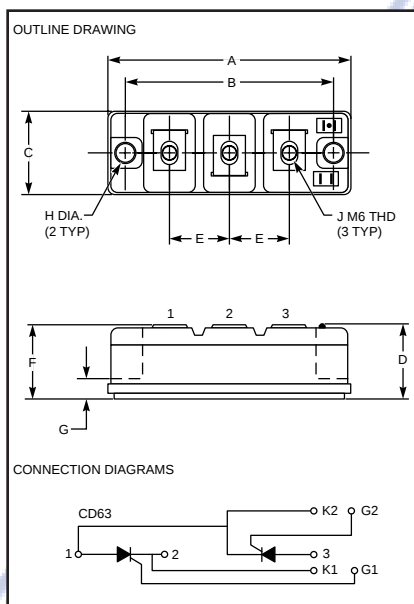




CD63__15

Powerex, Inc., 200 Hillis Street, Youngwood, Pennsylvania 15697-1800 (724) 925-7272

Dual SCR POW-R-BLOK™ Module 150 Amperes/1600 Volts



Outline Drawing



CD63__15
Dual SCR POW-R-BLOK™ Module
150 Amperes/1600 Volts

Description:

Powerex Dual SCR Modules are designed for use in applications requiring phase control and isolated packaging. The modules are isolated for easy mounting with other components on a common heatsink. POW-R-BLOK™ has been tested and recognized by the Underwriters Laboratories (QQX2 Power Semiconductors).

Features:

- ☐ Electrically Isolated Heatsinking
- ☐ Compression Bonded Elements
- ☐ Metal Baseplate
- ☐ Low Thermal Impedance
- ☐ Quick Connect Gate Terminal with Provision for Keyed Mating Plug
- ☐ UL Recognized

Applications:

- ☐ Battery Supplies
- ☐ Bridge Circuits
- ☐ AC and DC Motor Control
- ☐ Tap Changers
- ☐ Lighting Control

Ordering Information:

Select the complete eight digit module part number you desire from the table below.

Example: CD631215 is a 1200 Volt, 150 Ampere Dual SCR POW-R-BLOK™ Module.

Type	Voltage Volts (x100)	Current Rating Amperes (x10)
CD63	08	15
	12	
	14	
	16	

Dimension	Inches		Metric	
	Min.	Max.	Min.	Max.
A	3.681	3.721	93.50	94.51
B	3.145	3.155	79.88	80.14
C	1.329	1.349	33.76	34.26
D	1.181	1.240	30.00	31.50
E	0.901	0.911	22.88	23.14
F	1.161	1.201	29.49	30.51
G	0.305	0.325	7.75	8.26
HØ	0.251	0.261	6.38	6.63
J	—	—	M6 x 1.0	