

# SDM5 Oring Diode Package

- Decoupling Diode to produce redundant applications or to decouple power sources from each other as well as from the load
- Input - Output: 10 – 150 Vdc
- Output Current: 0 – 10 A
- DIN Rail Mountable
- Compact small size



## Model Selection Table

Model Number	Description
SDM5	Oring Diode Package 2 Diodes 5A 10-150VDC

## Description

The decoupling module is a dual input diode with 2 inputs and one output, suitable for various applications such as to produce redundant applications to decouple power sources from each other as well as from the loads e.g. separation of sensitive loads from the power bus, design buffered branches and block reverse power.

## Specifications

Input V1	10-150VDC 0-5A
Input V2	10-150VDC 0-5A
Output Vo	Vin - 0.9V 0-5A
Operating Temperature Range	-20'C to 50'C
Storage Temperature Range	-40'C to 85C (>60'C derate 2.5% / 'C)
Humidity Range No Condensation	95% to 25'C
Protection Class	IP20
Connection terminal	Screw terminals
Dimensions	105.0 x 58.0 x 38.1
Weight	0.25Kg approx.

## Connection Diagram for the SDM5

