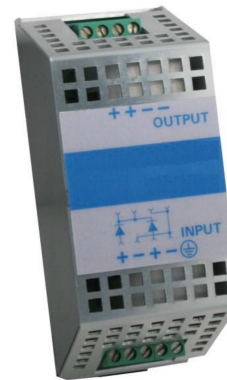


# SDM25 Oring Diode Package

- Decoupling Diode to produce redundant applications or to decouple power sources from each other as well as from the load
- Input - Output: 10 - 60 Vdc
- Output Current: 0 - 25 A
- DIN Rail Mountable
- Compact small size



## Model Selection Table

Model Number	Description
SDM25	Oring Diode Package 2 Diodes 25A 10-60VDC

## 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	10-60VDC 0-25A
Input V2	10-60VDC 0-25A
Output Vo	Vin - 0.9V 0-25A
Operating Temperature Range	-20°C to 50°C
Storage Temperature Range	-40°C to 85°C
Humidity Range No Condensation	95% to 25°C
Protection Class	IP20
MTBF	>500,000 hours
Connection terminal	Screw terminals 2.5mm
Dimensions	50x120x50mm
Weight	0.4Kg approx.

## Connection Diagram for the SDM25

