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DC-DC RELAYS mosfet based

Features

- Load current range: 60,80,100
- MOSFET based Optically Isolated
- Load voltage upto 60 VDC
- Fast switching response
- Normally open type

Note:

- Low voltage disconnect series available
O/P:40-100A at 3-75 VDC
for 12 / 24VDC Battery systems
- High voltage, high current SSR based on
mosFET / IGBT Technology available
- CUSTOM-BUILT models too available



MORE/ABOUT..

- Dimensions
- Characteristic Curves



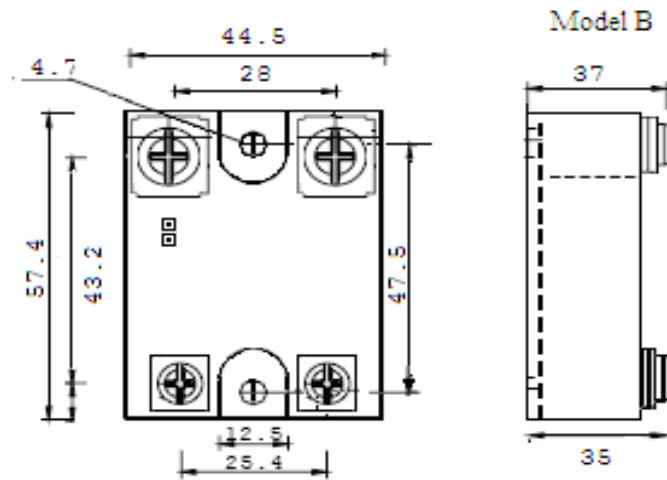
Input Specifications & Product Selection

Type	SDD -60 - 60	SDD -60- 80	SDD -60-100
Control Voltage	3.5 – 32 VDC	3.5 – 32 VDC	3.5 – 32 VDC
Input Current@3.5V	7.8 mA	7.8 mA	7.8 mA
Input Current @32 V	10.6 mA	10.6 mA	10.6 mA
Input Impedance	Current regulator	Current regulator	Current regulator

Output Specifications

Type	SDD -60 - 60	SDD -60 - 80	SDD -60 - 100
Voltage Range	5- 60 VDC	5- 60 VDC	5- 60 VDC
Current Range with suitable heat sink(IT) @ 20Amp	60A	80A	100A
Pulse Drain current Adc (10msec)	180	220	270
Voltage Drop @ Current – VTM	0.6	0.7	0.5
Max. On state Resistance RDS-ON Ω	0.01	.008	.005
Off-state leakage current @ voltage -IDRM	0.1	0.2	0.3
Turn-on (max) – T-on	300 µsecs	300 µsecs	300 µsecs
Turn-off(max) – T-on	1.0 ms	1.0 ms	1.0 ms

Dimensions

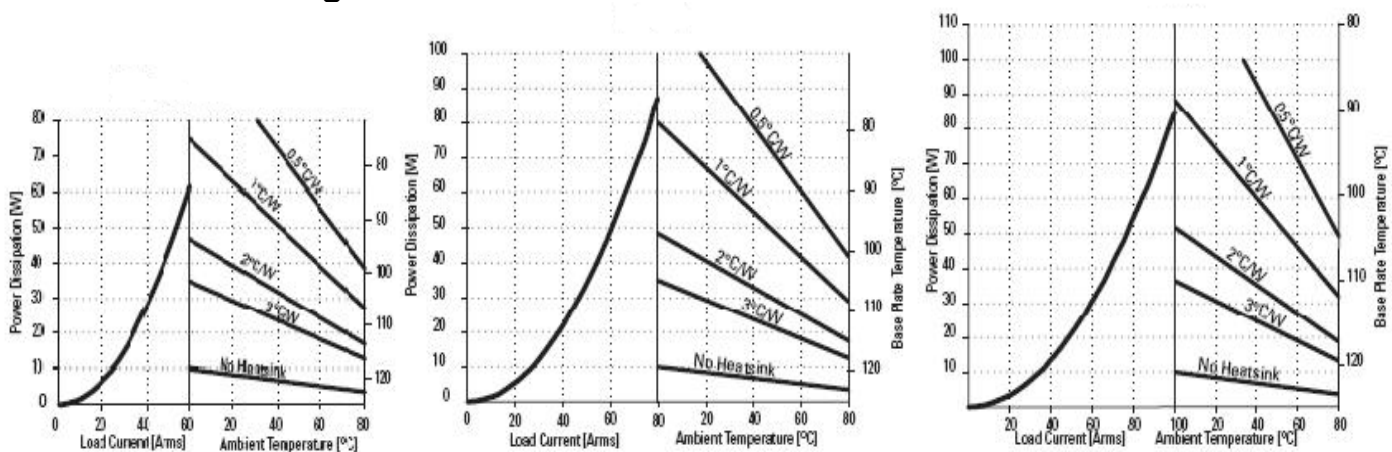


NOTE : ALL DIMENSIONS ARE IN mm.

General Specifications

Type	SDD – 60 – 60	SDD – 60 – 80	SDD – 60 – 100
Dielectric strength	Min. 2500 VACrms	Min. 2500 VACrms	Min. 2500 VACrms
Insulation (I/P to O/P , I/P to case, O/P to case)	4000 VAC rms	4000 VAC rms	4000 VAC rms
Operating temp.	- 40°C to +80°C	- 40°C to +80°C	- 40°C to + 80°C

Thermal derating curves



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