

D/A · Load Current: 100 · 125A

Features

- Optically isolated; AC output
- Input LED indicator
- High dv/dt and high blocking voltage
- TTL and COMS compatible
- Zero voltage turn-on, zero current turn-off (minizes EMI/RFI)
- High surge rating allows lamp and motor load switching
- Output snubber circuit protection



Order Code

SDZ 3 100A * *
a b c d e

a: Model: SDZ = DC input, AC output ; SAZ = AC input, AC output

b: Output Voltage: 3 = 380 VAC

c: Rated Current: 100A, 125A

d: Turn - On Type: NIL = Zero - On ; R = Random - On

e: Special Code: NIL = With LED ; N = Without LED

Input

Type No	SDZ	SAZ
Input Voltage Range	3~32 VDC	90~280 VAC
Input Current	5~15 mA	3~20 mA
Min Release Voltage	1 VDC	25 VAC

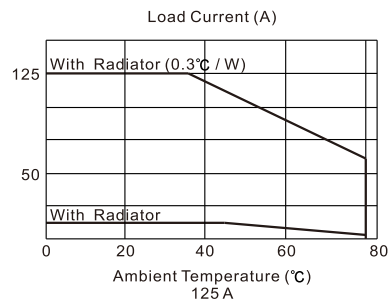
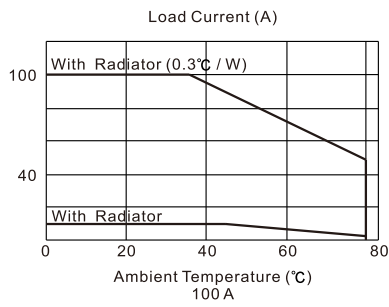
Output Load

Type No	100 A	125 A
Max. Rated Load Current Range	100 A	125 A
Max. Surge Current (10ms)	1000 A	1200 A
Load Voltage Range	380 VAC	
Transient Overvoltage	1200 Vp	
Max. On - State Voltage Drop	2 VAC	
Max. Leakage Current	10 mA	
Max. Turn - On Time	10 ms (Zero-On)	
Max. Turn - Off Time	10 ms	
Operate Frequency	47~70 Hz	
Max. Power Dissipation	2 W / A	
Min. Off - State dv / dt	200 V / μ s	

General Rating

Min. Insulation Resistance	1000 MΩ
Insulation Between Input - Output	2000 VAC
Insulation Input - Output To Case	2000 VAC
Operating Temperature	-30°C ~ +80°C
Storage Temperature	-40°C ~ +100°C
Unit Weight	Approx 320g

Load Current Derating Curve



Dimensions (Unit: mm)

