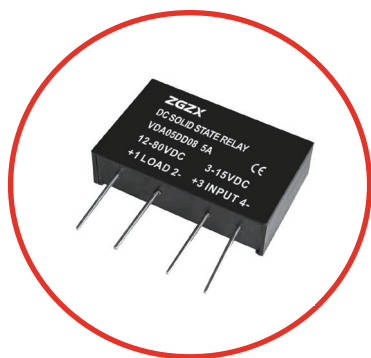


VDA Series 1-phase PCB mount DC switching solid state relays



Features

- Optical isolation between input and output circuits.
- 1-phase PCB mount DC switching solid state relays.
- MOSFET Output.
- Epoxy resin encapsulation integrated, anti-corrosion and shock-proof, reliable work.

Ordering Options

VDA

VDA Series

DC Solid State Relay

05

Load Current

02: 2Amps
05: 5Amps

D

Control Voltage

D: 3-15VDC or 15-32VDC

D08

Output Voltage

D06: 12-60VDC
D08: 12-80VDC

Product Selection

Control Voltage	Output Voltage	Rated Operational Current	
		2Amps	5Amps
3 to 32VDC	60VDC	VDA02DD06	VDA05DD06
	80VDC	VDA02DD08	VDA05DD08

Input Specifications

Parameter-list	Specification Limits
Input Parameter	DC
Control Voltage Range	3 to 15VDC or 15-32VDC
Input Current [Max.]	10-20mA
Must Turn-on Voltage	3VDC or 15VDC
Must Turn-off Voltage	1VDC

Output Specifications

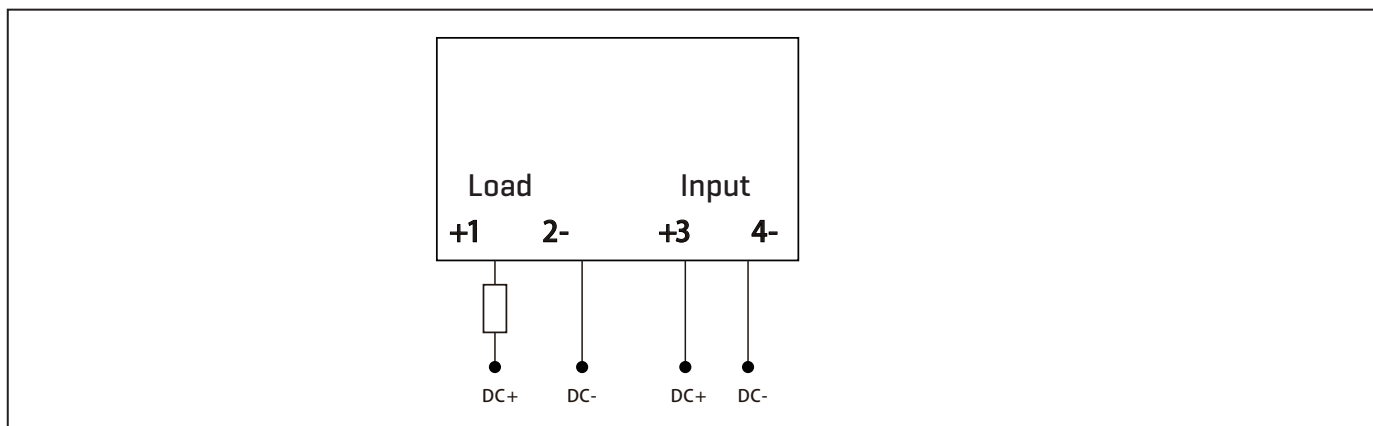
Parameter-list	Units	Specification Limits	
Model No.: VDA	Amps	2	5
Load Voltage Range	Arms	0.05 to 2	0.05 to 5
Off State Leakage Current [Max.]	mA	≤1	
Load Voltage Range	Vrms	12-60VDC, 12-80VDC	
On State Voltage Drop [Max.]	Vrms	≤0.5	≤0.5
Turn On Time [Max.]	ms	1	
Switching Characteristics	Mosfet		

General Specifications [Ta=25°C]

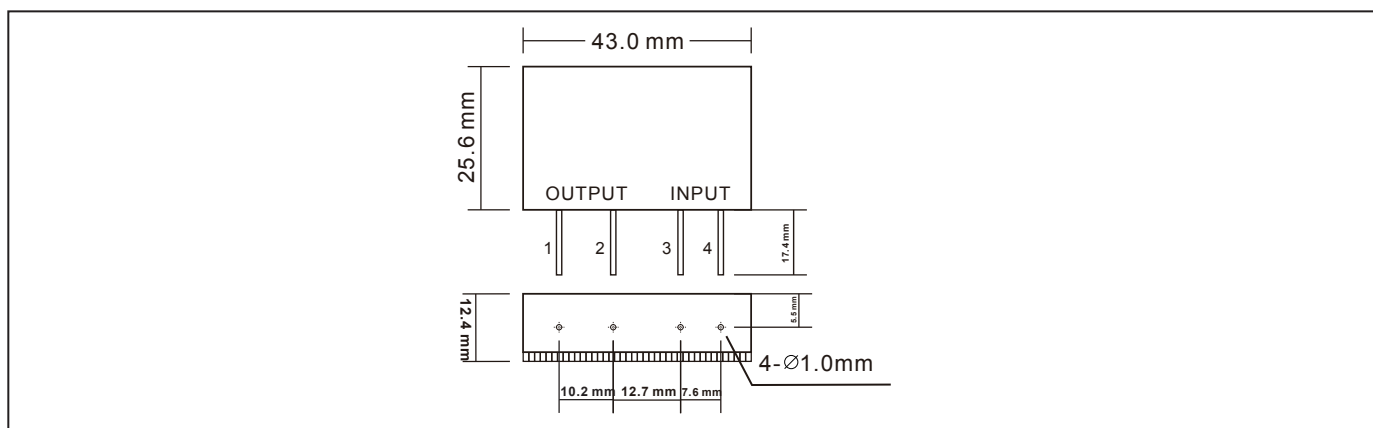
Description	2A	5A
Dielectric Strength, Input to Output [50/60 Hz]	4000Vrms	
Dielectric Strength, Input/Output to Base [50/60 Hz]	2500Vrms	
Ambient Operating Temperature Range	-40 to 70°C	
Weight	23g	

VDA Series 1-phase PCB mount DC switching solid state relays

Connection Diagram



Dimensions



Note for product selection:

1. at 260°C welding temperature, no more than 10 seconds, at 350°C, no more than 5 seconds, otherwise it may cause product damage.
2. The polarity of the control ends should be correct, otherwise the product will be damaged.
3. Special attention should be paid to electrostatic protection during use.