Solid State Relay

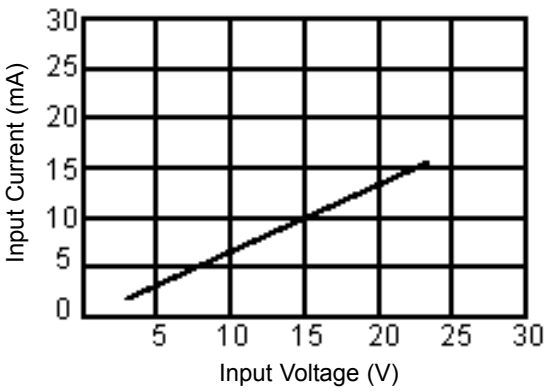
Specification Table

Control Voltage	Must Turn off Voltage	Input Impedance	Loading Current	Loading Voltage	Minimum Blocking Voltage	Maximum off-State Leakage	Frequency Range	Maximum 1-Cycle Peak Surge	Part Number
3 - 32 V dc	Maximum 1 V dc	1.5 KΩ	4 A	24 to 480 V ac	1,200 V ac	Less 3 mA	47-70 Hz	40 A	SDA-400A004S-2Z
			6 A					60 A	SDA-400A006S-2Z

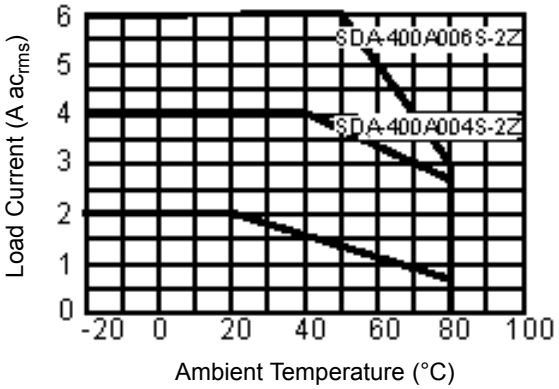
Maximum off State dv / dt	Maximum on-State Voltage Drop	Isolate Impedance	Dielectric Strength Input-Output	Dielectric Strength Input, Output-case	Turn on Time	Turn off Time	Capacitance In-Out	Weight (g)	Part Number
1,000 V / µs	2 V_{rms}	10^9 Ω	2,500 V ac_{rms}	-	Less 2 ms	Less 1/2 AC Cycle	Less 15 pF	12 g	SDA-400A004S-2Z
									SDA-400A006S-2Z

Characteristic Curves

Input Current Vs. Input Voltage

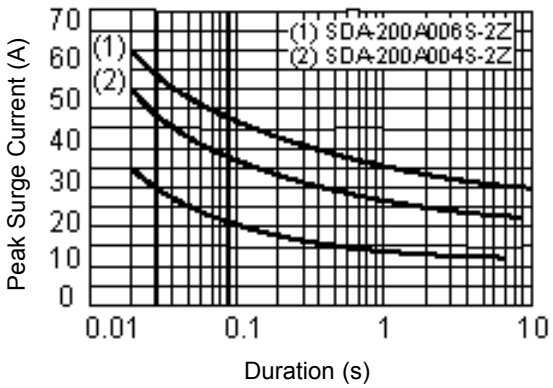


Maximum Load Current Vs. Ambient Temperature

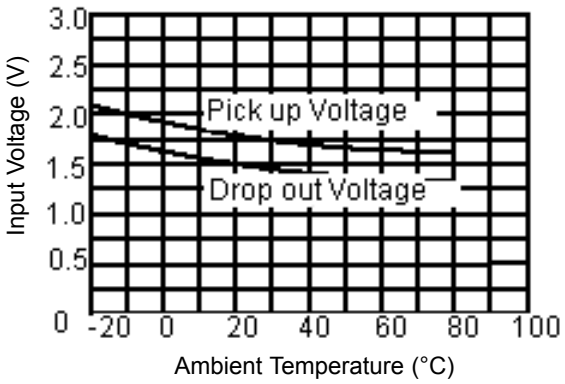


Characteristic Curves

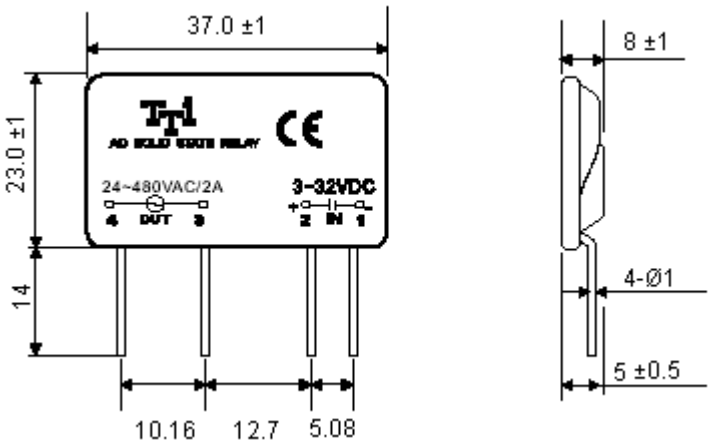
Peak Surge Current Vs. Duration



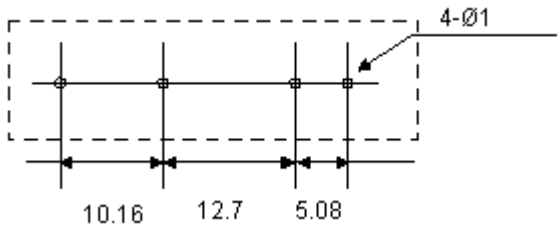
Maximum Load Current Vs.
Ambient Temperature



Outline Dimensions (Unit : mm)

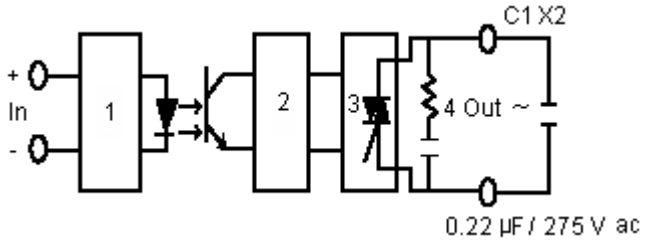


SIP of Seal Series



Dimensions : Millimetres

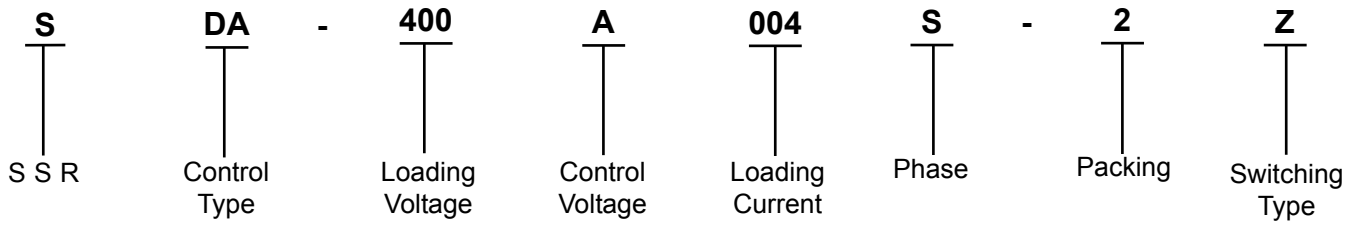
Equivalent Circuit



1. Input Circuit
2. Zero-Crossing Circuit
3. Output Circuit
4. Protected Circuit

Solid State Relay

Part Number Explanation:



S	: S = S S R
Control Type	: DA = DC Control ac
Loading Voltage	: 400 = 24 to 480 V ac
Control Voltage	: A = 3-32 V dc
Loading Current	: 004 = 4 A, 006 = 6 A
Phase	: S = Single phase
Packing	: 2 = SIP of Seal type
Switching Type	: Z = Zero-crossing