

Solid State Relay

multicomp



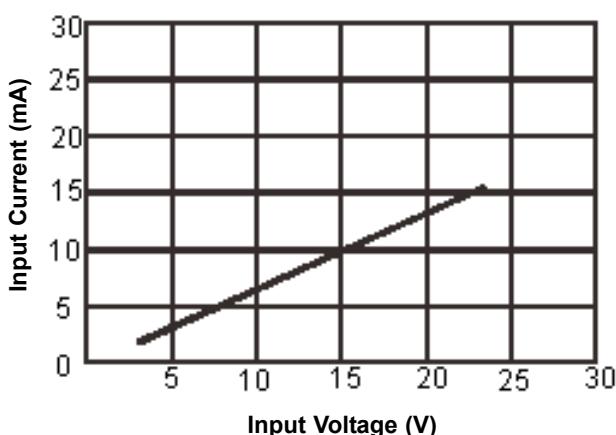
Specification Table

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	2 A	24 to 280 V ac	600 V ac	Less 3 mA	47-70 Hz	20 A	SDA-200A002S-4R
									SDA-200A002S-4Z

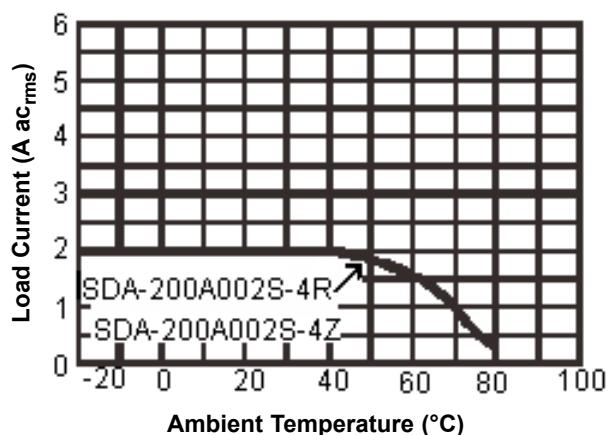
Maximum off State dv / dt	Maximum on-State Voltage Drop	Isolate Impedance	Dielectric Strength Input-Output	Dielectric Strength Input, Output-case	Turn on Time	Turn off Time	Capacitance In-Out	Weight (g)	Part Number
100 V / μs	1.5 V _{rms}	10 ⁹ Ω	2,500 V ac _{rms}	-	Less 2 ms	Less 1/2 AC Cycle	Less 15 pF	6 g	SDA-200A002S-4R
									SDA-200A002S-4Z

Characteristic Curves

Input Current Vs. Input Voltage



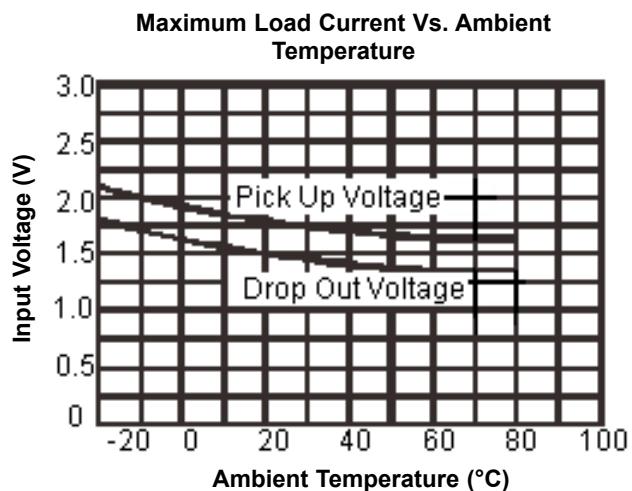
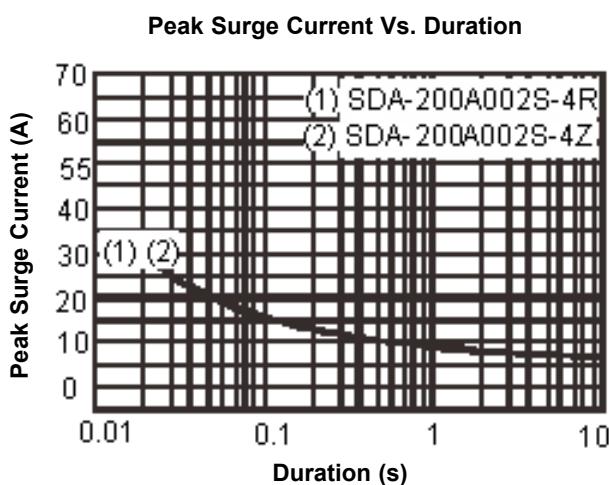
Maximum Load Current Vs. Ambient Temperature



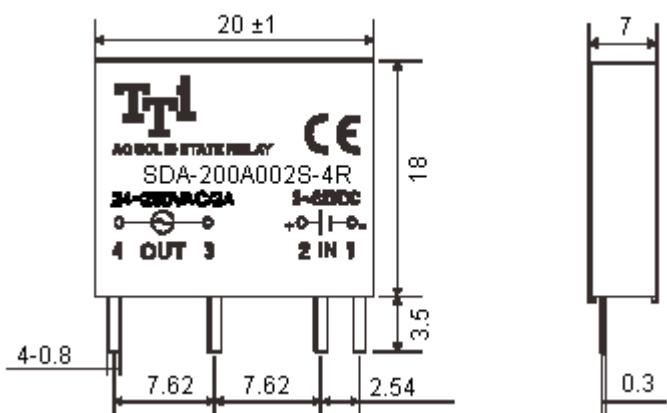
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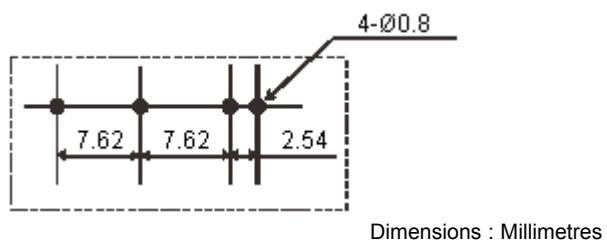
Characteristic Curves



Outline Dimensions (Unit : mm)

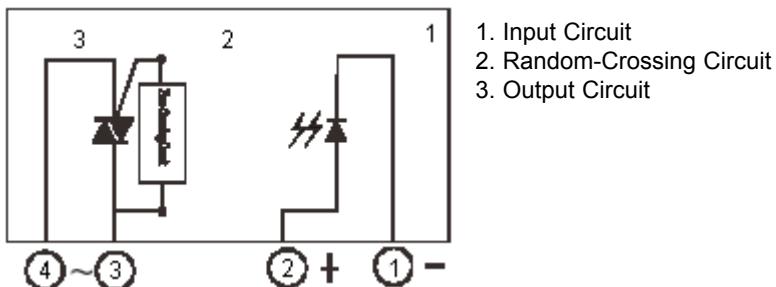


SIP of Mini Series



Dimensions : Millimetres

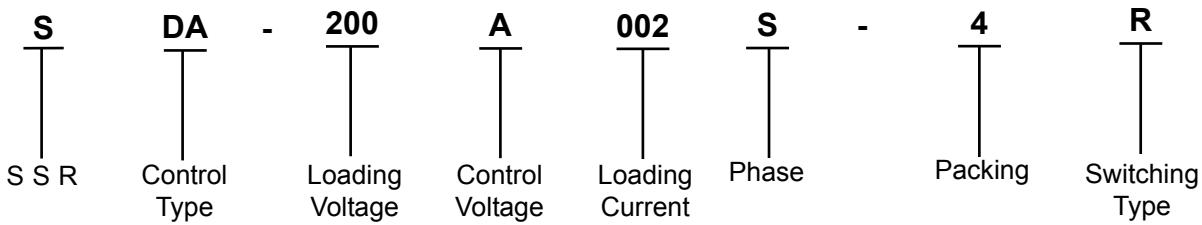
Equivalent Circuit



Solid State Relay



Part Number Explanation:



S	: S = S S R
Control Type	: DA = DC Control ac
Loading Voltage	: 200 = 24 to 280 V ac
Control Voltage	: A = 3-32 V dc
Loading Current	: 002 = 2 A
Phase	: S = Single phase
Packing	: 4 = SIP of mini type
Switching Type	: R = Random switching, Z = Zero-crossing

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