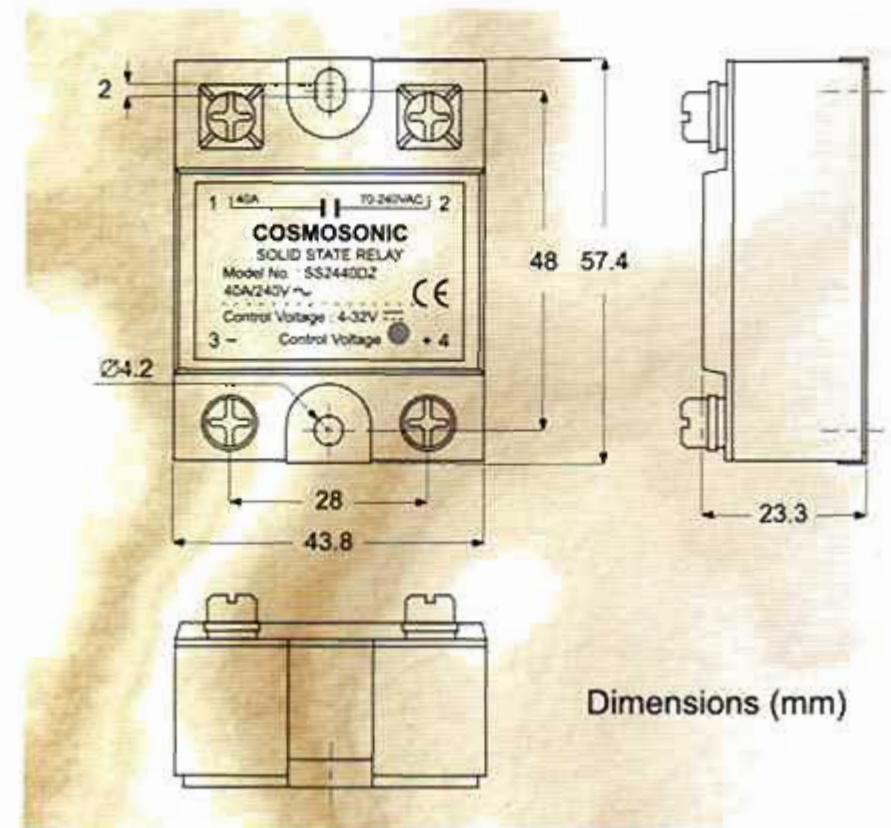


# AC SOLID STATE RELAY



## FEATURES:

1. All solid state, optically coupled for 2500 VAC isolation between input and output circuit.
2. Load current of 10, 15, 20, 25, 40 Amperes.
3. Able to be driven by IC such as TTL & CMOS.
4. Internally mounted snubber circuit protection for huge current (dv/dt) application.
5. A LED can indicate the operating of devices.
6. Long service life and high reliability.

Data	Model	SS2410DZ	SS2415DZ	SS2420DZ	SS2425DZ	SS2440DZ
<b>Input Specifications</b>						
Control Voltage range (Vdc)		4-32 V				
Maximum current (at Vmax)		15 mA				
Maximum pickup voltage		4 V				
Minimum dropout voltage		2 V				
<b>Output Specifications</b>						
Voltage Range (Vac)		70-240 Vrms				
Peak voltage (t=1min.)		600 V				
Maximum current (Arms)		10 A	15 A	20 A	25 A	40 A
Max.1-cycle surge (60Hz) / I <sup>2</sup> t (t=10ms)A <sup>2</sup> s		100A / 72A <sup>2</sup> s	130A / 128A <sup>2</sup> s	170A / 200A <sup>2</sup> s	210A / 312A <sup>2</sup> s	250A / 450A <sup>2</sup> s
Maximum off-state leakage		8 mArms (at Vmax and T=25°C)				
Max. on-state voltage drop at I <sub>max</sub> and T=25°C		1.6V				
Thermal resistance (junction to baseplate)		3.1	2.8	1.7	1.5	1.3
<b>General Characteristics</b>						
Response time		1/2 cycle + 1mSec. (60Hz)				
Input to output dielectric strength		> 10 <sup>8</sup> ohms				
Input to output isolation voltage		2500 Vrms				
Input/Output to baseplate isolation voltage		2500 Vrms				
Input/output capacitance		< 10pf				
Operating temperature		-20°C to +80°C				
Storage temperature		-40°C to +100°C				
Weight (approx.)		110 g				