

FSS2



Solid State Relay

- Ultra slim Type
- 3A Switching Load
- 600V Blocking Voltage
- 2000V Isolation
- Zero Voltage Turn-On
- PCB Mounting
- Sealed type

Technical data

Characteristics

- Insulation Resistance: 100MΩ Min. (500V DC)
- Dielectric Strength: 2000VAC (1minute)
- Operating Temperature Range: -30 °C to +80 °C
- Termination: PCB Terminals
- Weight: 6g Approx.

Output rating

- Voltage range: 50-250VAC
- Max. Current Rating: 3A
- Surge Current (non repetitive): 30A
- Zero Voltage Switching: YES
- Dv/Dt: 100 v/μs
- Frequency Range: 47-70Hz
- Voltage Drop: 1.5VAC
- Min. load Current: 100mA
- Leakage Current: 1.5mA
- Time Turn-On: 1/2 Cycle + 1 ms
- Time Turn-Off: 1/2 Cycle + 1 ms

Coil rating

Input rating (at +20 °C)

Rated Voltage (VDC)	Voltage Range (VDC)	Impedance Ω +/- 10%	Current (mA)	Voltage On (V)	Current Off (V)
5	4 - 6	470	15	4	1
12	9.6 - 14.4	1500	15	9.6	1
24	19.2 - 28.8	3000	15	19.2	1

Ordering information

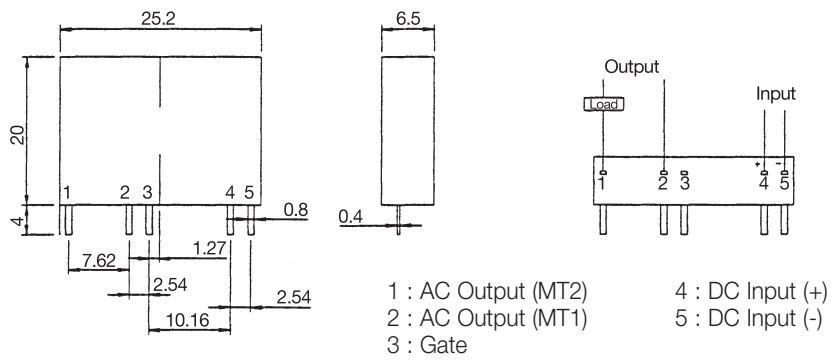
FSS2 - Z DC 12V

Rated voltage

Output Form:
NIL: Phase
Z: Zero-Cross

Relay model

DIMENSIONS (mm)



Load Current vs Ambient Temp. Characteristics

