



**Note:**  
 - Drawings Not To Scale  
 - Drawings Subject to Change Without Notice  
 - Dimensions are inches next to [Millimeters]

Part No.:

**SSM1A16B7**



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**Technical Information:**

Approvals:	UL, CSA, CE, RoHS
Current Rating:	6
Motor Load Rating ( UL Hp) at 40C:	0.17hp at 240 VAC
Motor Load Rating ( IEC KW) at 40C:	N/A
Transient Overvoltage:	600 Vpk
Surge Current (PK MAX):	300 A for 20ms
On-State Voltage Drop at Rated Current (MAX):	1.3 V
Thermal Resistance Junction to Case :	N/A
Maximum I <sup>2</sup> T for Fusing (A2 SEC):	375
Max. Off-State Leakage Current at Rated Voltage:	Auto tuning, PID
Min. Off-State DV/DT at MAX Rated Voltage:	500 V/μsec
Minimum On-State Resistance:	N/A
Maximum Turn-On Time:	1/2 cycle
Maximum Turn-Off Time:	1/2 cycle
Control (Input) Voltage Range:	18-36VAC
Minimum Turn-On Voltage:	18 VAC
Minimum Turn-Off Voltage:	4 VAC
Input Current (Typical):	3.5 - 8.5 mA

**Specification:**

Description:	SSR 1 CHANNEL, 6A@24-280VAC ZC, 18-36VAC
Operating Temperature [°C]:	-30 to +80
Storage Temperature [°C]:	-30 to +100
Weight [g]:	50
Mounting Style :	DIN Rail
Switching Device:	SCR
Switching Type:	Zero Voltage Switching
Contact Configuration:	SPST-NO
Outputs Channel:	1
Operating (Switching) Voltage:	24-280 VAC