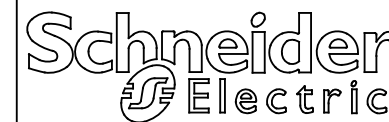


**Note:**  
 - Drawings Not To Scale  
 - Drawings Subject to Change Without Notice  
 - Dimensions are inches next to [Millimeters]

Part No.:

**SSM1A312BDR**



Schneider Electric United States  
 North American Division  
 Boston One Campus  
 800 Federal Street  
 Andover, MA 01810, USA  
 Phone: +1 8773425173  
 Email: CCC@us.schneider-electric.com

**Technical Information:**

Approvals:	UL, CSA, CE, RoHS
Current Rating:	12
Motor Load Rating ( UL Hp) at 40C:	0.33hp at 240 VAC
Motor Load Rating ( IEC KW) at 40C:	N/A
Transient Overvoltage:	1200 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):	2330
Max. Off-State Leakage Current at Rated Voltage:	
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:	4-32VDC
Minimum Turn-On Voltage:	4 VDC
Minimum Turn-Off Voltage:	1 VDC
Input Current (Typical):	8-11 mA

**Specification:**

Description:	SSR 1 CHANNEL, 12A@48-600VAC RANDOM, 4-32VDC
Operating Temperature [°C]:	-30 to +80
Storage Temperature [°C]:	-30 to +100
Weight [g]:	90
Mounting Style :	DIN Rail
Switching Device:	SCR
Switching Type:	Random AC Switching
Contact Configuration:	SPST-NO
Outputs Channel:	1
Operating (Switching) Voltage:	48-600 VAC