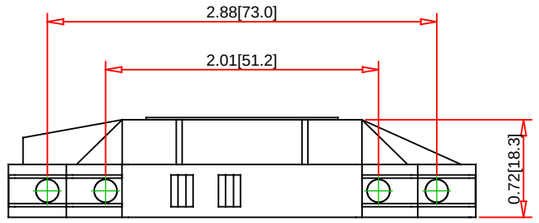

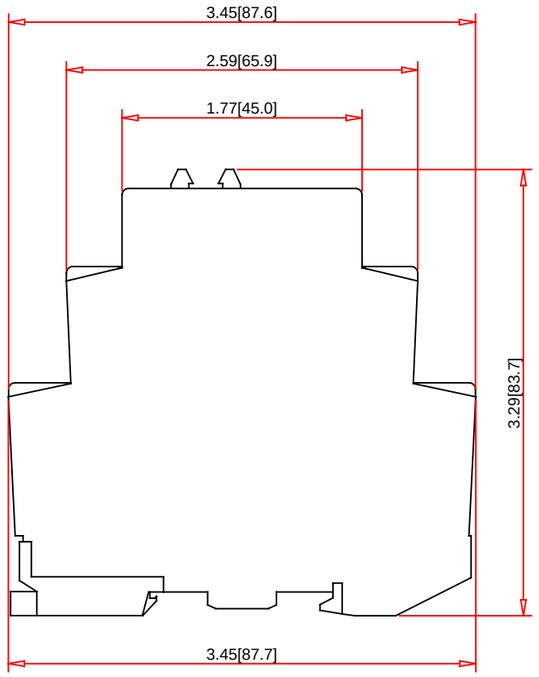

Note:
- Drawings Not To Scale
- Drawings Subject to Change Without Notice
- Dimensions are inches next to [Millimeters]

Part No.:

SSM1A112BDR

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:	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 I2T 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@24-280VAC 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:	24-280 VAC