

SAA1-2 Series



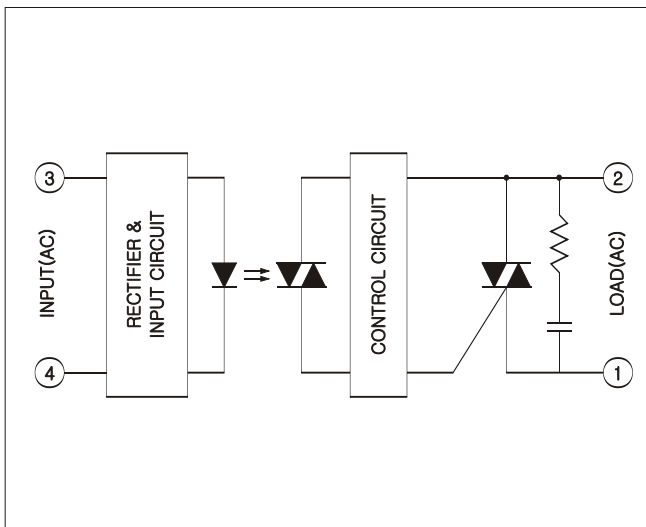
Input AC/Output AC 1-Phase Mold

- **15 - 50Amp AC240V Output**
- **AC 2500V Isolation**
- **Normally Open**
- **LED Indicator**
- **Panel Mount with Heatsink**
- **CE and TUV approved**

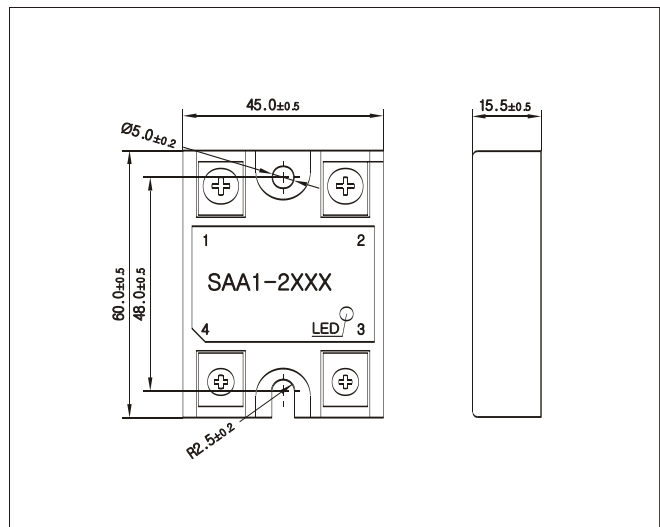
SPECIFICATIONS

Item		SAA1-215Z	SAA1-225Z	SAA1-240Z	SAA1-250Z	Unit
OUTPUT	RMS ON-STATE LOAD CURRENT	15	25	40	50	Arms
	LOAD VOLTAGE RANGE	50 ~ 240				Vrms
	BLOCKING VOLTAGE	600				Vrms
	PEAK 1-CYCLE SURGE CURRENT	170	210	315	450	Arms
	ON-STATE VOLTAGE DROP	2 Max				Vrms
	OFF-STATE LEAKAGE CURRENT	10 Max				mArms
INPUT	INPUT VOLTAGE RANGE	85 ~ 240				Vrms
	PICK-UP VOLTAGE	85 Max				Vrms
	DROP-OUT VOLTAGE	40 Min				Vrms
GENERAL	ISOLATION VOLTAGE	2,500Vrms between I/O terminals and case for 1 minute				/
	ISOLATION RESISTANCE	500Vdc 100Mohm between I/O terminals and case				/
	OPERATING TEMPERATURE	-30 ~ +80				℃
	STORAGE TEMPERATURE	-30 ~ +100				℃
	TURN-ON TIME	1/2 Cycle Max				/
	TURN-OFF TIME	1/2 Cycle max				/
	ZERO-CROSS OR RANDOM	Zero-cross				/

BLOCK DIAGRAM



DIMENSIONS(UNIT : MM)



Characteristic curve

A. 15Amp S.S.R

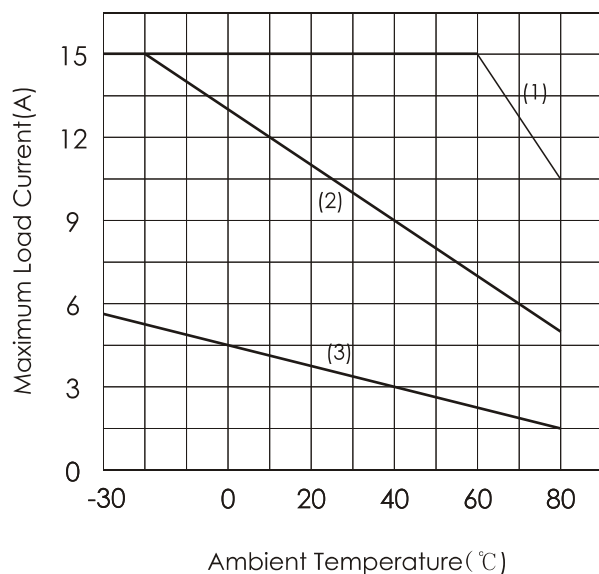
S.S.R Model

SDA1-215Z/215R/415Z/415R

SAA1-215Z/415Z

Heatsink

(1) Infinite (2) UHS118-1-45 (3) Non



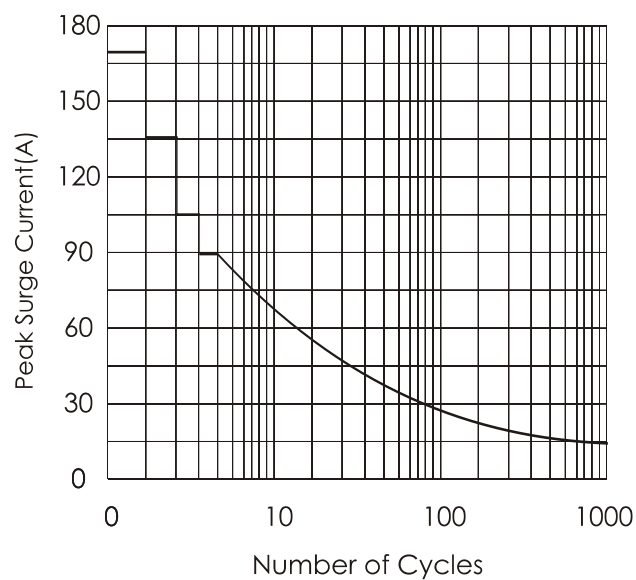
S.S.R Model

PDA1-215ZHL/215ZHS

SDA1-215Z/215R SAA1-215Z

SDA2-215Z SAA2-215Z

SDA3-215Z SAA3-215Z



B. 25Amp S.S.R

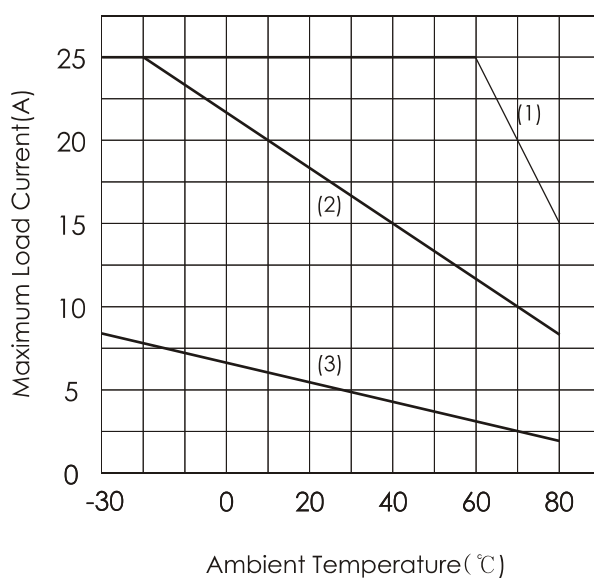
S.S.R Model

SDA1-225Z/225R/425Z/425R

SAA1-225Z/425Z

Heatsink

(1) Infinite (2) UHS118-1-60 (3) Non



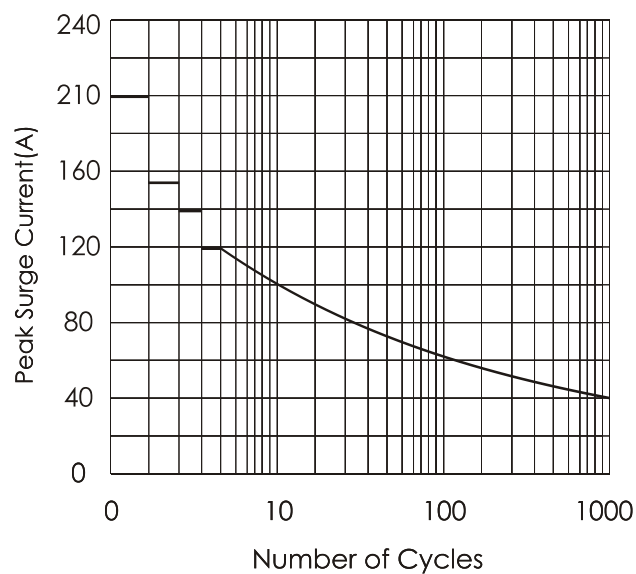
S.S.R Model

PDA1-225ZHL/225ZHS

SDA1-225Z/225R SAA1-225Z

SDA2-225Z SAA2-225Z

SDA3-225Z SAA3-225Z



Characteristic curve

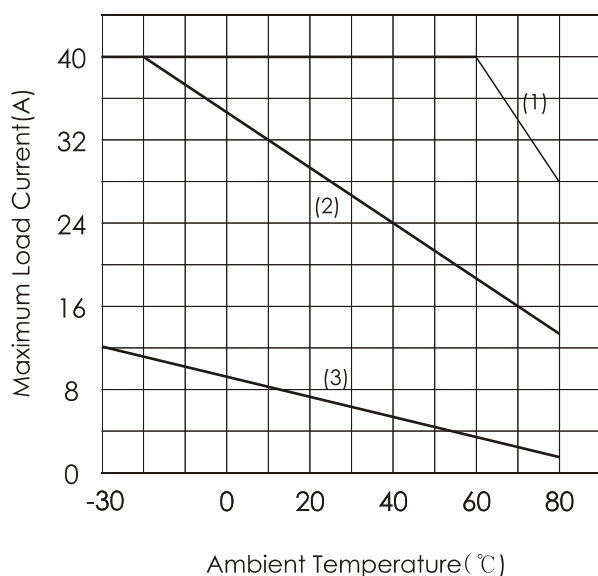
C. 40Amp S.S.R

S.S.R Model

SDA1-240Z/240R/440Z/440R

SAA1-[240Z](#)/440Z

Heatsink

(1) Infinite (2) [UHS118-1-80](#) (3) Non

S.S.R Model

SDA1-240Z/240R

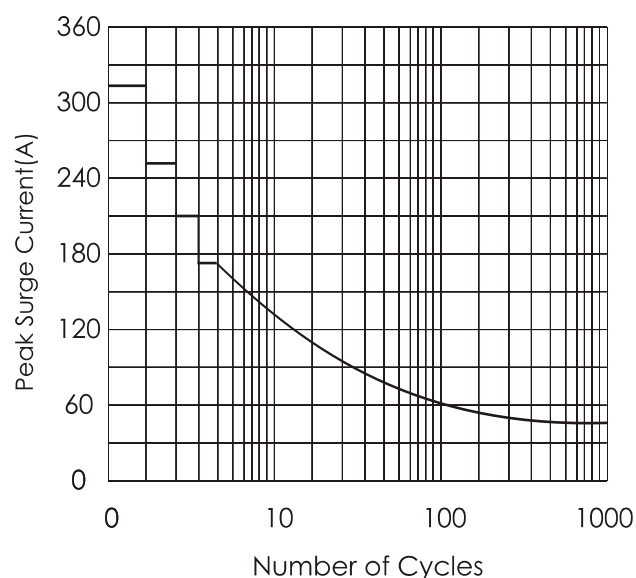
SAA1-[240Z](#)

SDA2-240Z

SAA2-240Z

SDA3-240Z

SAA3-240Z



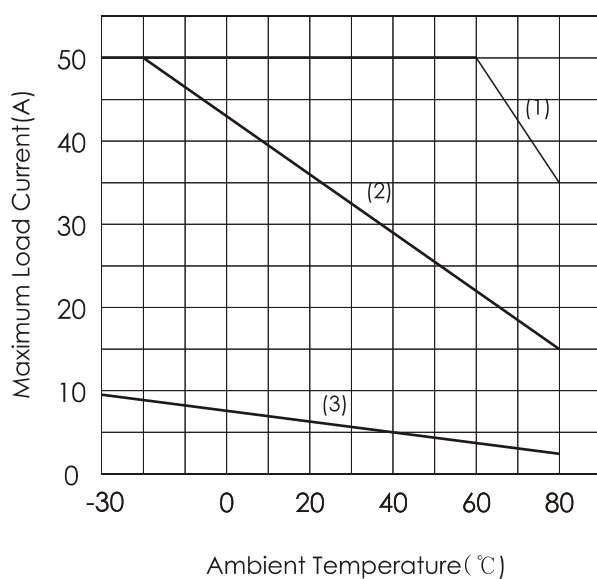
D. 50Amp S.S.R

S.S.R Model

SDA1-250Z/250R/450Z/450R

SAA1-[250Z](#)/450Z

Heatsink

(1) Infinite (2) [UHS118-1-80](#) (3) Non

S.S.R Model

SDA1-250Z/250R

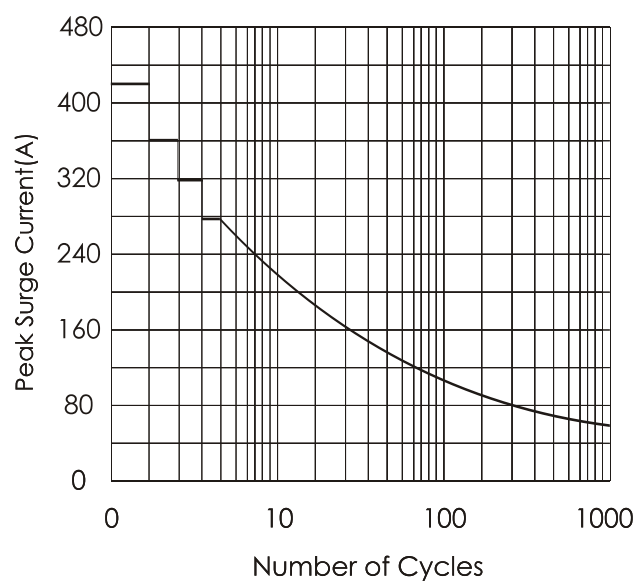
SAA1-[250Z](#)

SDA2-250Z

SAA2-250Z

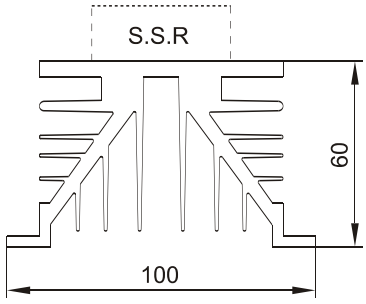
SDA3-250Z

SAA3-250Z

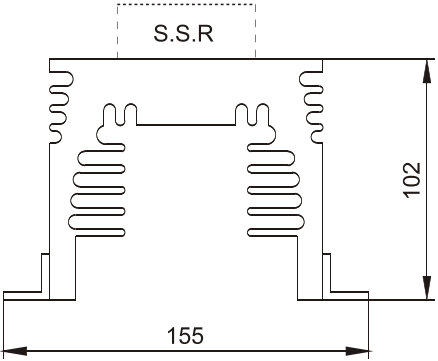


Standard heatsink

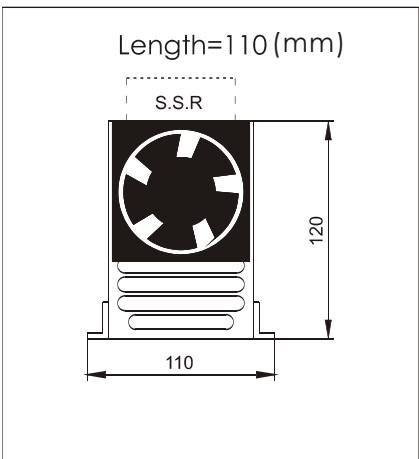
1) UHS118 Series

	MODEL	Length(mm)
	<u>UHS118-1-45</u>	45
	<u>UHS118-1-60</u>	60
	<u>UHS118-1-80</u>	80
	UHS118-3-120	120
	UHS118-3-150	150

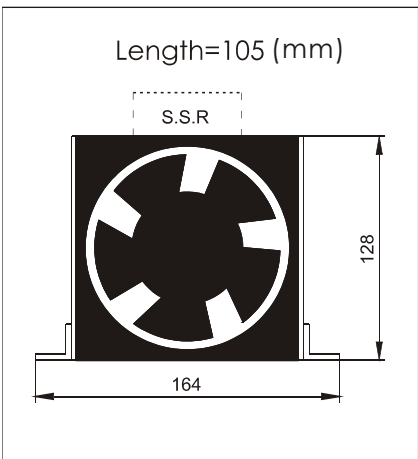
2)UHS11 Series

	MODEL	Length(mm)
	UHS11-1-80	80
	UHS11-1-105	105
	UHS11-3-80	80
	UHS11-3-105	105
	UHS11-3-150	150

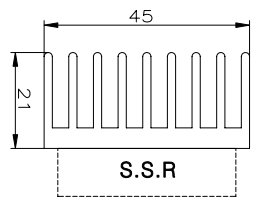
3) UHS120V80-3-110



4) UHS124V128-3-105



5)UHS126-P

	
MODEL	Length(mm)
UHS126-P-40	40
UHS126-P-50	50