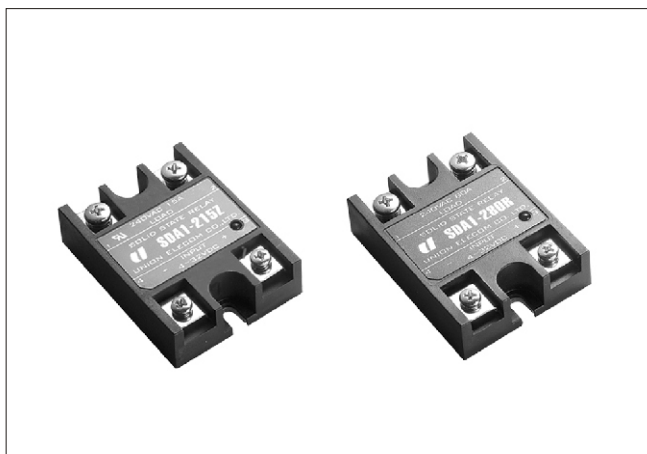


SDA1-2 Series



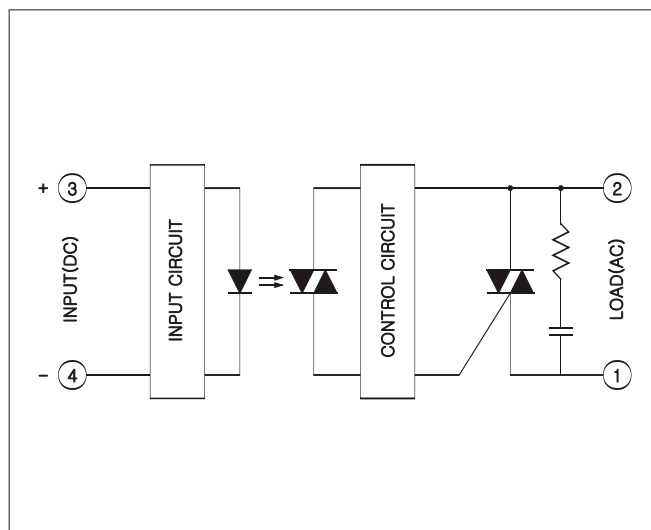
Input DC/Output AC 1-Phase Mold

- 15 - 50Amp AC240V Output
- AC 2500V Isolation
- Normally Open
- LED Indicator
- Zero-cross and Random Switching
- Panel Mount with Heatsink
- UL Approved
- CE and TUV approved

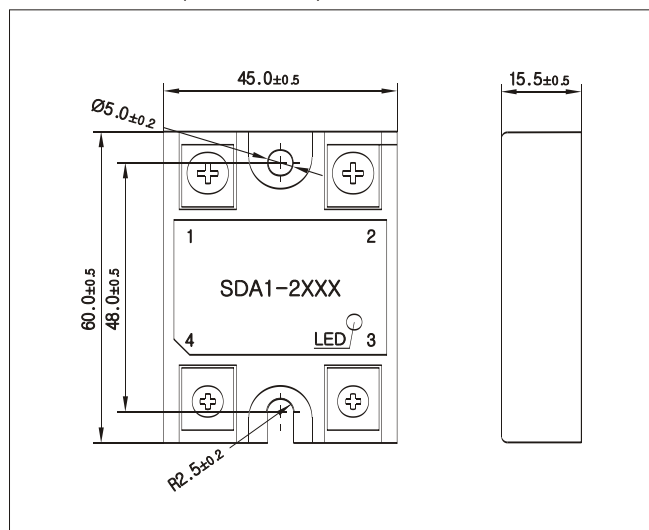
SPECIFICATIONS

Item		SDA1-215Z	SDA1-225Z	SDA1-240Z	SDA1-250Z	SDA1-215R	SDA1-225R	SDA1-240R	SDA1-250R	Unit
OUTPUT	RMS ON-STATE LOAD CURRENT	15	25	40	50	15	25	40	50	Arms
	LOAD VOLTAGE RANGE	50 ~ 240								Vrms
	BLOCKING VOLTAGE	600								Vrms
	PEAK 1-CYCLE SURGE CURRENT	170	210	315	450	170	210	315	450	Arms
	ON-STATE VOLTAGE DROP	2 Max								Vrms
	OFF-STATE LEAKAGE CURRENT	10 Max								mArms
INPUT	INPUT VOLTAGE RANGE	4 ~ 32								Vdc
	PICK-UP VOLTAGE	4 Max								Vdc
	DROP-OUT VOLTAGE	1 Min								Vdc
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				1 msec Max				/
	TURN-OFF TIME	1/2 Cycle max								/
	ZERO-CROSS OR RANDOM	Zero-cross				Random				/

BLOCK DIAGRAM



DIMENSIONS(UNIT : MM)



Characteristic curve

A. 15Amp S.S.R

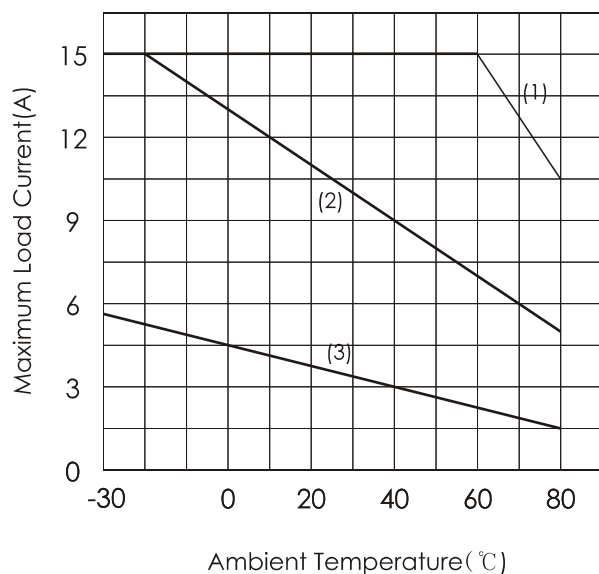
S.S.R Model

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

SAA1-215Z/415Z

Heatsink

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



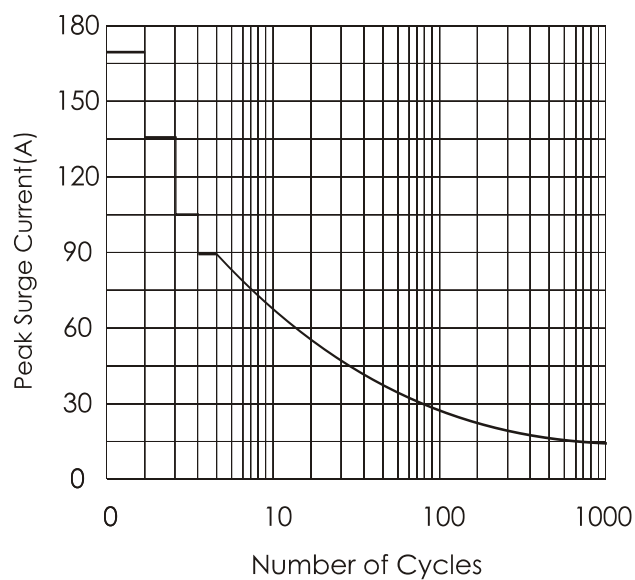
S.S.R Model

PDA1-215ZHL/215ZHS

SDA1-215Z/215R SAA1-215Z

SDA2-215Z SAA2-215Z

SDA3-215Z SAA3-215Z



B. 25Amp S.S.R

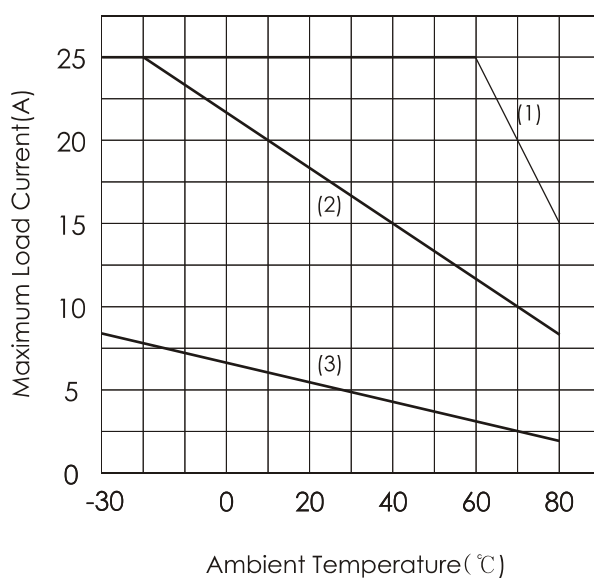
S.S.R Model

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

SAA1-225Z/425Z

Heatsink

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



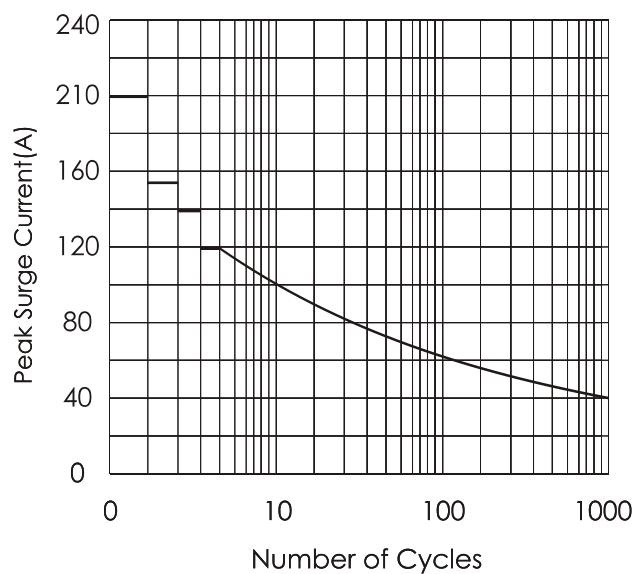
S.S.R Model

PDA1-225ZHL/225ZHS

SDA1-225Z/225R SAA1-225Z

SDA2-225Z SAA2-225Z

SDA3-225Z SAA3-225Z



Characteristic curve

C. 40Amp S.S.R

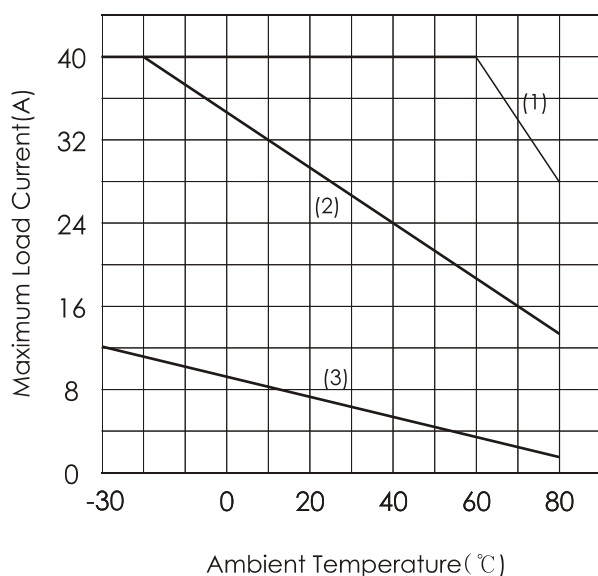
S.S.R Model

SDA1-[240Z/240R](#)/440Z/440R

SAA1-240Z/440Z

Heatsink

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



S.S.R Model

SDA1-[240Z/240R](#)

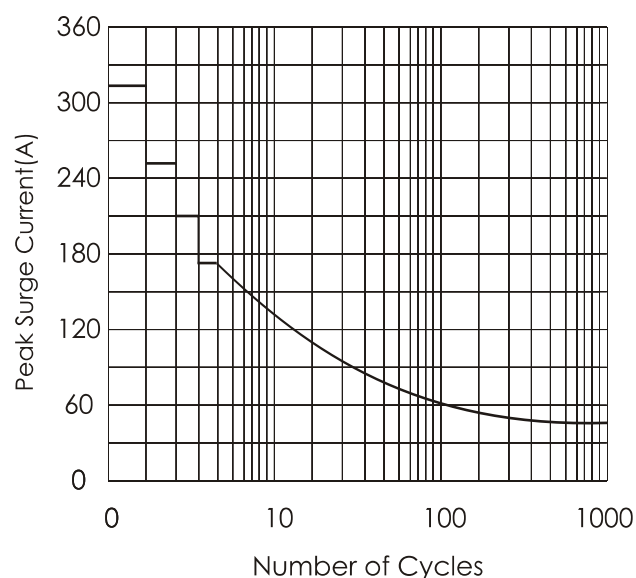
SDA2-240Z

SDA3-240Z

SAA1-240Z

SAA2-240Z

SAA3-240Z



D. 50Amp S.S.R

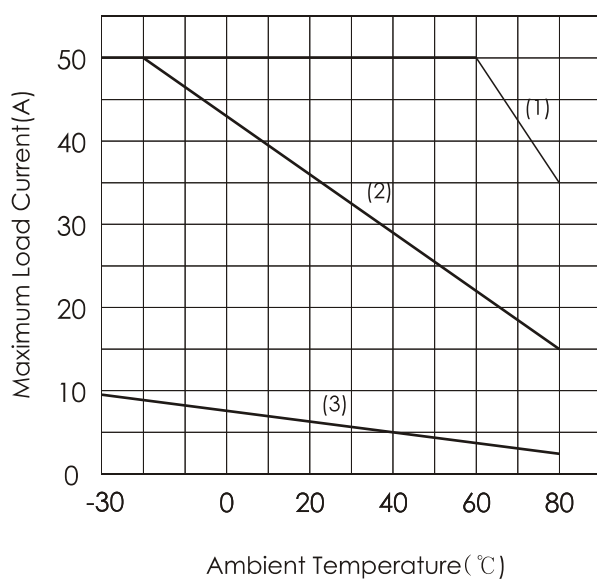
S.S.R Model

SDA1-[250Z/250R](#)/450Z/450R

SAA1-250Z/450Z

Heatsink

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



S.S.R Model

SDA1-[250Z/250R](#)

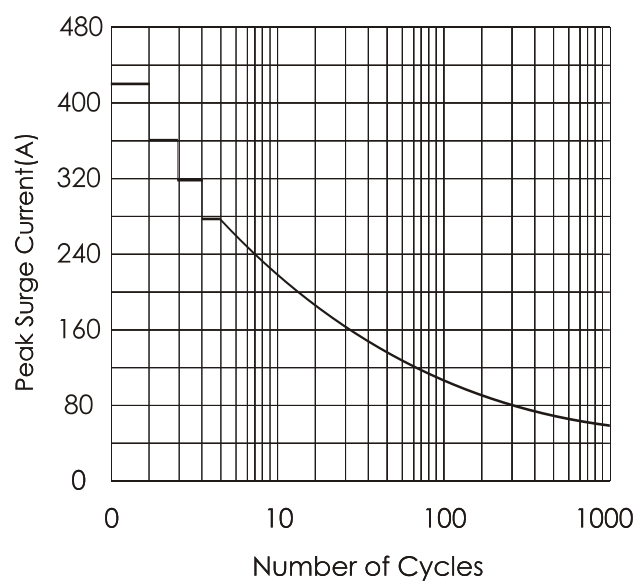
SDA2-250Z

SDA3-250Z

SAA1-250Z

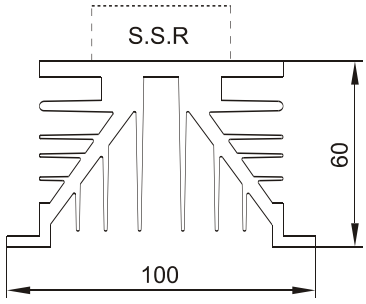
SAA2-250Z

SAA3-250Z

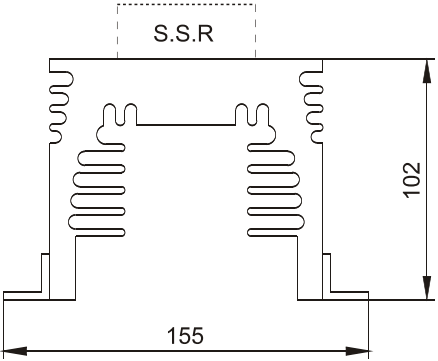


Standard heatsink

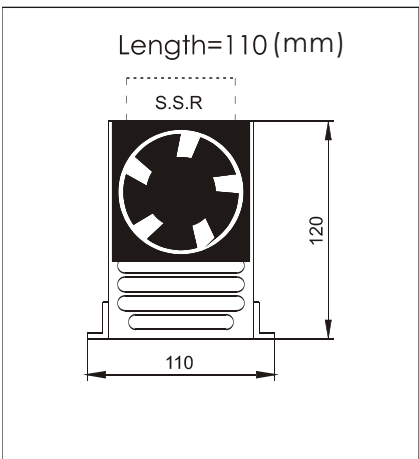
1) UHS118 Series

	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

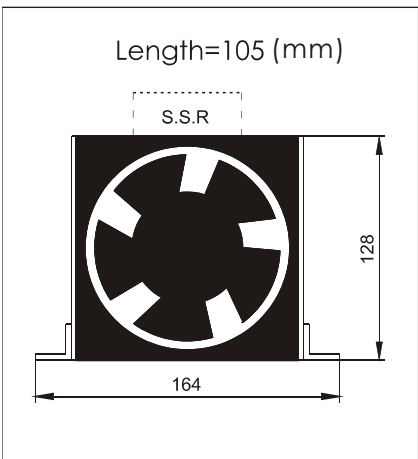
2)UHS11 Series

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

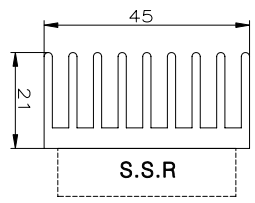
3) UHS120V80-3-110



4) UHS124V128-3-105



5)UHS126-P

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