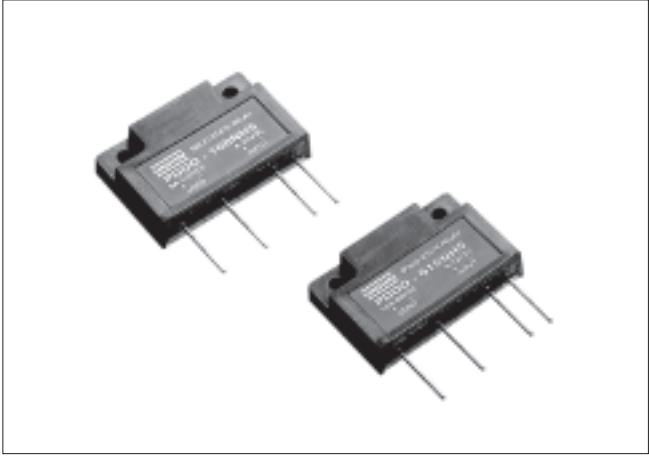


PDD0(HS) Series



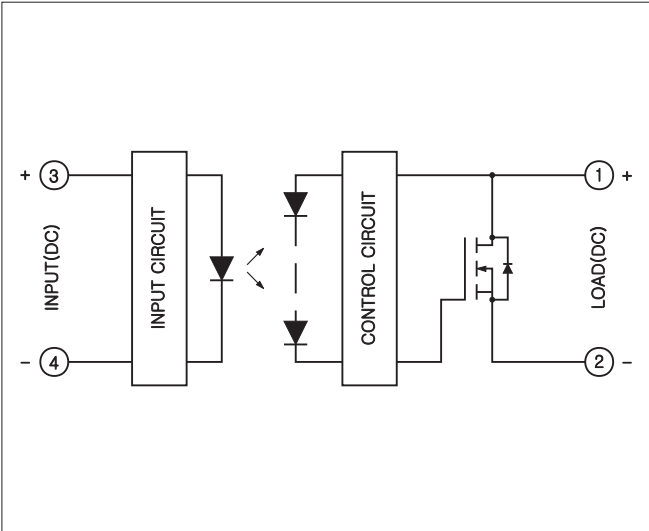
Input DC/Output DC PCB With Heatsink

- 8 - 20Amp DC24/60/120V Output
- AC2500V Isolation
- DC SIP
- Normally Open
- PCB Mount with Heatsink

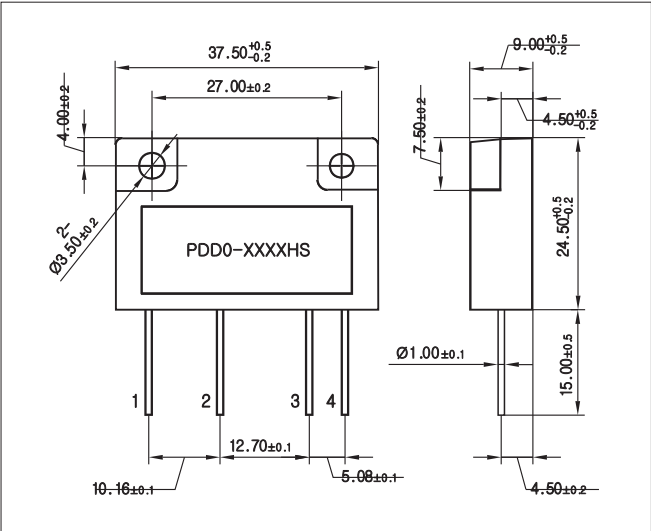
SPECIFICATIONS

Item		PDD0 - 108NHS	PDD0 - 115NHS	PDD0 - 208NHS	PDD0 - 215NHS	PDD0 - 220NHS	PDD0 - 608NHS	PDD0 - 615NHS	PDD0 - 620NHS	Unit	
OUTPUT	DC ON-STATE LOAD CURRENT	8	15	8	15	20	8	15	20	Adc	
	LOAD VOLTAGE RANGE	5 ~ 120		5 ~ 24			5 ~ 60			Vdc	
	BLOCKING VOLTAGE	200		60			100			Vdc	
	ON-STATE VOLTAGE DROP	2 Max									Vdc
	OFF-STATE LEAKAGE CURRENT	1 Max									mAdc
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 Max									msec
	TURN-OFF TIME	1 Max									msec
	APPROVALS									/	

BLOCK DIAGRAM



DIMENSIONS(UNIT : MM)

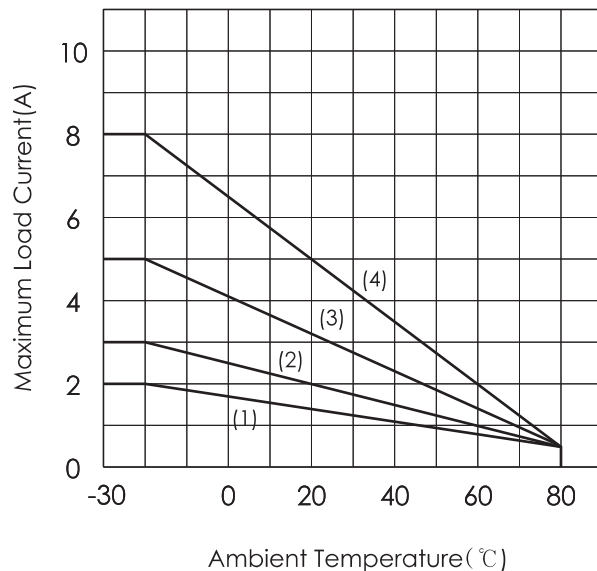


S.S.R

Characteristic Curve

1. MAXIMUM LOAD CURRENT VS. AMBIENT TEMPERATURE

1)PCB type



S.S.R Model

- (1)PDA1-202Z/202R
 (2)PDA1-203Z/203R, PDD0-103N
 (3)PDA1-205Z/205R, PDD0-105N
 (4)PDA1-208Z/208R

Heatsink

Non

2)PCB(H) type

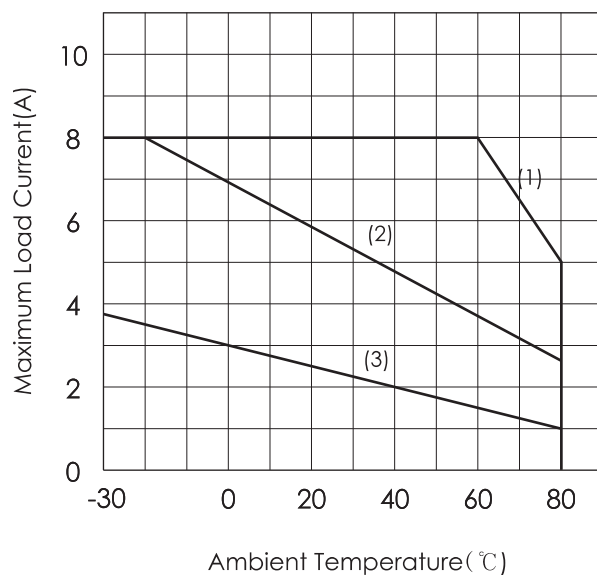
A. 8Amp S.S.R

S.S.R Model

PDA1-208ZHL/208ZHS
 PDD0-108NHS/208NHS/608NHS

Heatsink

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



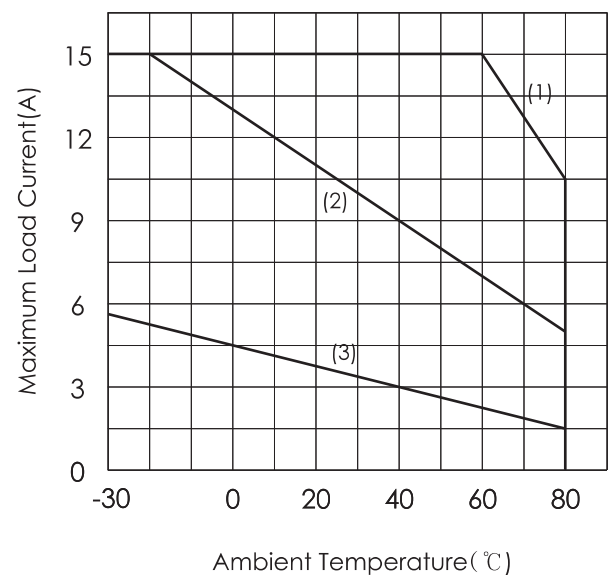
B. 15Amp S.S.R

S.S.R Model

PDA1-215ZHL/215ZHS
 PDD0-115NHS/215NHS/615NHS

Heatsink

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

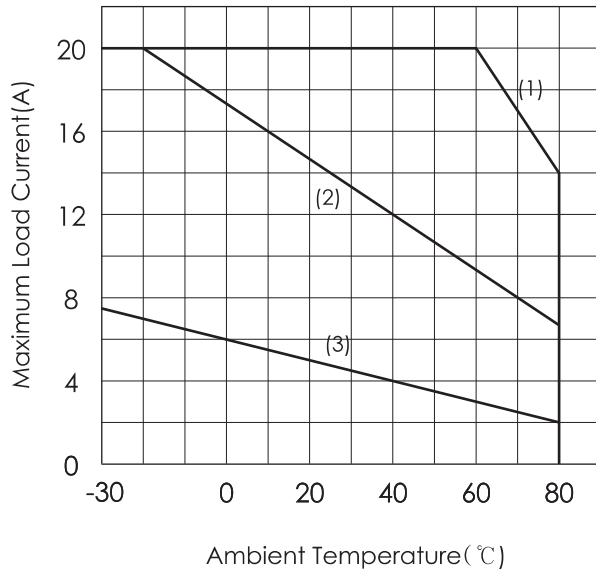


C. 20Amp S.S.R**S.S.R Model**

PDD0-220NHS/620NHS

Heatsink

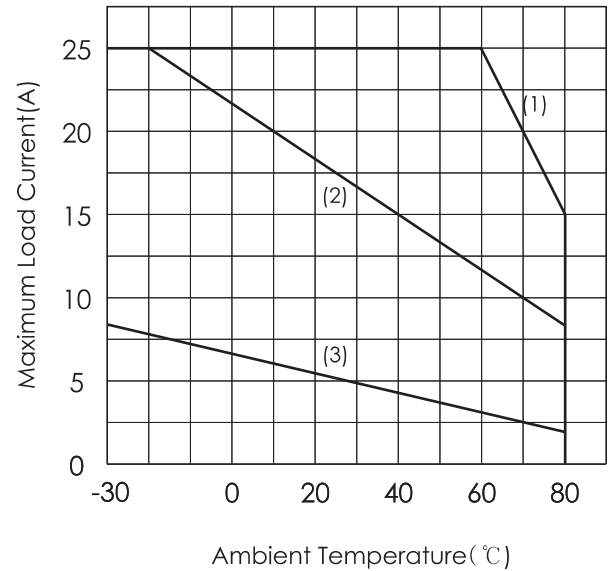
(1) Infinite (2) UHS118-1-60 (3) Non

**D. 25Amp S.S.R****S.S.R Model**

PDA1-225ZHL/225ZHS

Heatsink

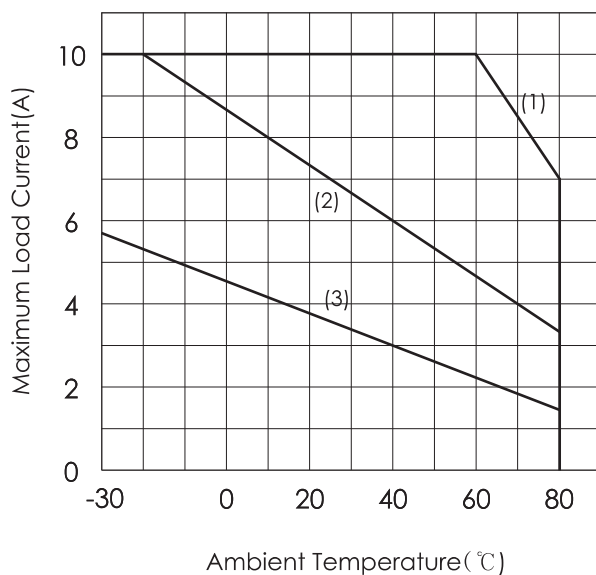
(1) Infinite (2) UHS118-1-60 (3) Non

**3)DC-Output Mold type****A. 10Amp S.S.R****S.S.R Model**

SDD0-110N/210N/610N

Heatsink

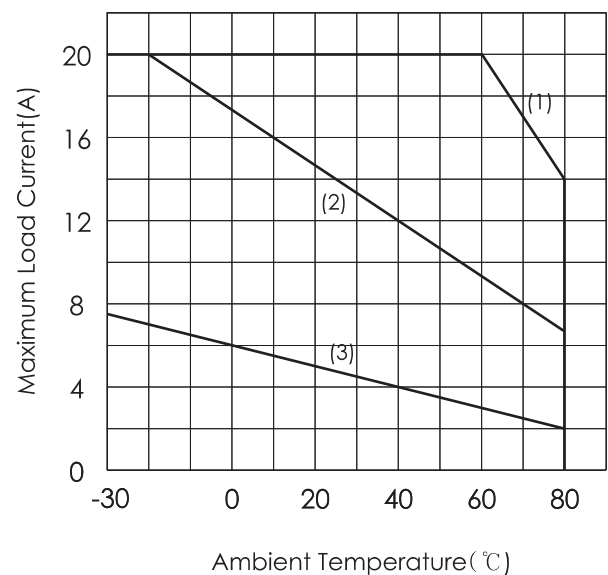
(1) Infinite (2) UHS118-1-45 (3) Non

**B. 20Amp S.S.R****S.S.R Model**

SDD0-120N/220N/620N

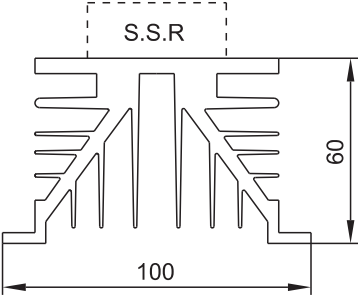
Heatsink

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

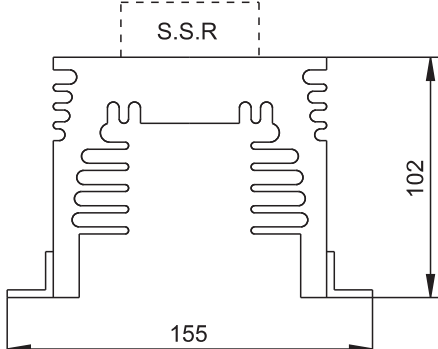


10. STANDARD HEATSINK

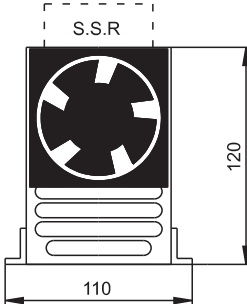
1) UHS118 Series

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

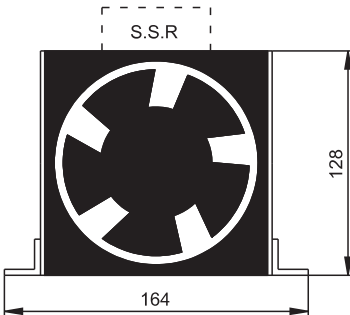
2)UHS11 Series

 <p>unit : mm</p>	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

 <p>unit : mm</p>	Length=110
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4) UHS124V128-3-105

 <p>unit : mm</p>	Length=105
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11. 방열판 선정 가이드

S.S.R 모델별로 차이는 있으나 주위온도 상온에서 부하 전류가 S.S.R 출력 전류 정격의 60% 이하 조건하에 선정된 방열판으로 주위온도가 높거나 부하전류가 큰 경우에는 S.S.R 또는 방열판을 변경하여 적용해야 한다.

S.S.R 정격구분	S.S.R모델명	HEATSINK
2A	PDA1-202Z/202R	NON
3A	PDA1-203Z/203R, PDD0-103N	NON
5A	PDA1-205Z/205R, PDD0-105N	NON
8A	PDA1-208Z/208R	NON
	PDA1-208ZHL/208ZHS PDD0-108NHS/208NHS/608NHS	UHS118-1-45
10A	SDD0-110N/210N/610N	UHS118-1-45
15A	PDA1-215ZHL/215ZHS PDD0-115NHS/215NHS/615NHS SDA1-215Z/215R/415Z/415R SAA1-215Z/415Z	UHS118-1-45
	SDA2-215Z/415Z SAA2-215Z/415Z	UHS118-3-120
	SDA3-215Z/415Z SAA3-215Z/415Z	UHS118-3-120
20A	PDD0-220NHS/620NHS SDD0-120N/220N/620N	UHS118-1-60
25A	PDA1-225ZHL/225ZHS SDA1-225Z/225R/425Z/425R SAA1-225Z/425Z	UHS118-1-60
	SDA2-225Z/425Z SAA2-225Z/425Z	UHS118-3-120
	SDA3-225Z/425Z SAA3-225Z/425Z	UHS118-3-150
30A	SDD0-130N/230N/630N	UHS118-1-80

S.S.R 정격구분	S.S.R모델명	HEATSINK
40A	SDD0-140N/240N/640N SDA1-240Z/240R/440Z/440R SAA1-240Z/440Z	UHS118-1-80
	SDA2-240Z/440Z SAA2-240Z/440Z	UHS118-3-150
	SDA3-240Z/440Z SAA3-240Z/440Z	UHS11-3-105 or UHS120V80-3-110 with FAN
	SDA1-250Z/250R/450Z/450R SAA1-250Z/450Z	UHS118-1-80
	SDA2-250Z/450Z SAA2-250Z/450Z	UHS11-3-80
	SDA3-250Z/450Z SAA3-250Z/450Z	UHS11-3-150 or UHS124V128-3-105
60A	SDA1-260R/460R SAA1-260R/460R	UHS11-1-80
	SDA2-260R/460R SAA2-260R/460R	UHS11-3-105
	SDA3-260R/460R SAA3-260R/460R	UHS124V128-3-105 with FAN
	SDA1-280R/480R SAA1-280R/480R	UHS11-1-105
	SDA2-280R/480R SAA2-280R/480R	UHS124V128-3-105
	SDA3-280R/480R SAA3-280R/480R	UHS124V128-3-105 with FAN