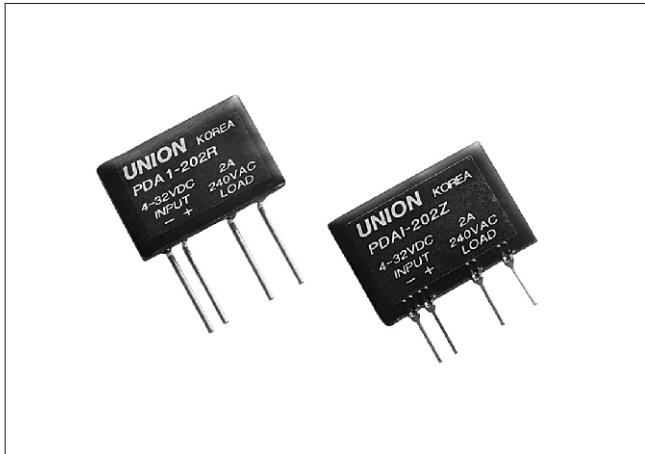


Input DC/Output AC PCB



- **2Amp AC 240V Output**
- **AC mini-SIP**
- **AC 2500V Isolation**
- **Normally Open**
- **Zero-cross and Random Switching**
- **PCB Mount**
- **UL Approved**
- **Ordering Information**

PDAI-202XA	0.5 x 0.25 Terminal
PDAI-202XB	1 Pie Terminal

Item		PDA1-202Z	PDA1-202R	Unit
OUTPUT	RMS ON-STATE LOAD CURRENT	2		Arms
	LOAD VOLTAGE RANGE	50 ~ 240		Vrms
	BLOCKING VOLTAGE	600		Vrms
	PEAK 1-CYCLE SURGE CURRENT	30		Arms
	ON-STATE VOLTAGE DROP	2 Max		Vrms
	OFF-STATE LEAKAGE CURRENT	1 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	1msec Max	/
	TURN-OFF TIME	1/2 Cycle max		/
	ZERO-CROSS OR RANDOM	Zero-cross	Random	/
	BUILT-IN SNUBBER	-	-	/

max. 25.5

max. 18.5

7.0±0.5

PDA1-202X

4 3 2 1

0.50±0.1

0.25±0.1

max. 5.5

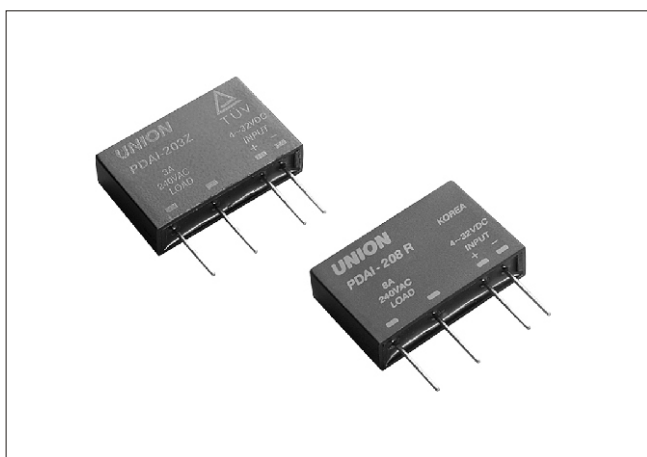
(A) 2.54±0.1

(B) 7.62±0.1

(C) 5.08±0.1

(Note)
 TERMINAL SIZE
 A type=0.5X0.25
 B type=1 Pie

PDA1 Series



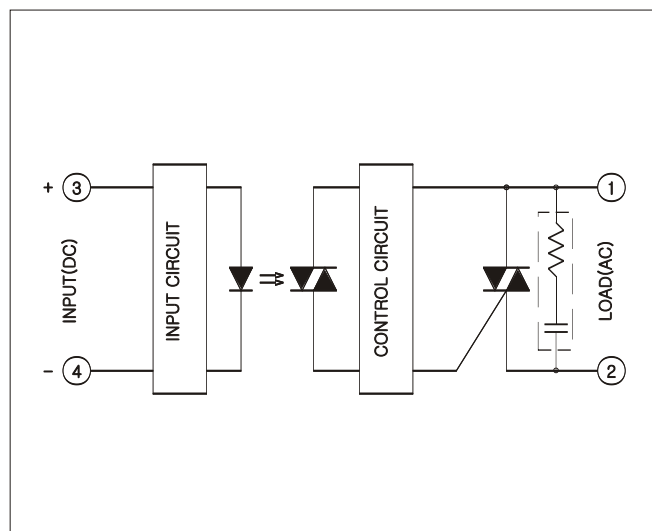
Input DC/Output AC PCB

- 3 - 8Amp AC 240V Output
- AC SIP
- AC 2500V Isolation
- Normally Open
- LED Indicator
- Zero-cross and Random Switching
- PCB Mount
- UL Approved

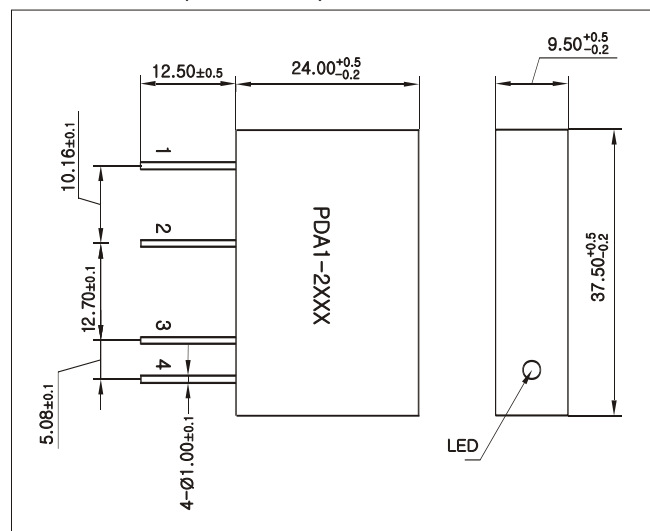
SPECIFICATIONS

Item		PDA1-203Z	PDA1-205Z	PDA1-208Z	PDA1-203R	PDA1-205R	PDA1-208R	Unit
OUTPUT	RMS ON-STATE LOAD CURRENT	3	5	8	3	5	8	Arms
	LOAD VOLTAGE RANGE	50 ~ 240						Vrms
	BLOCKING VOLTAGE	600						Vrms
	PEAK 1-CYCLE SURGE CURRENT	50	70	84	50	70	84	Arms
	ON-STATE VOLTAGE DROP	2 Max						Vrms
	OFF-STATE LEAKAGE CURRENT	1 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			1msec Max			/
	TURN-OFF TIME	1/2 Cycle max						/
	ZERO-CROSS OR RANDOM	Zero-cross			Random			/
	BUILT-IN SNUBBER	-	○		-	○		

BLOCK DIAGRAM



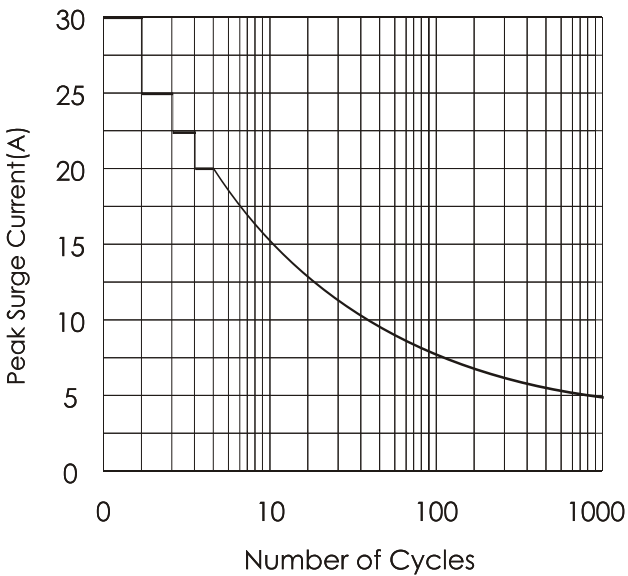
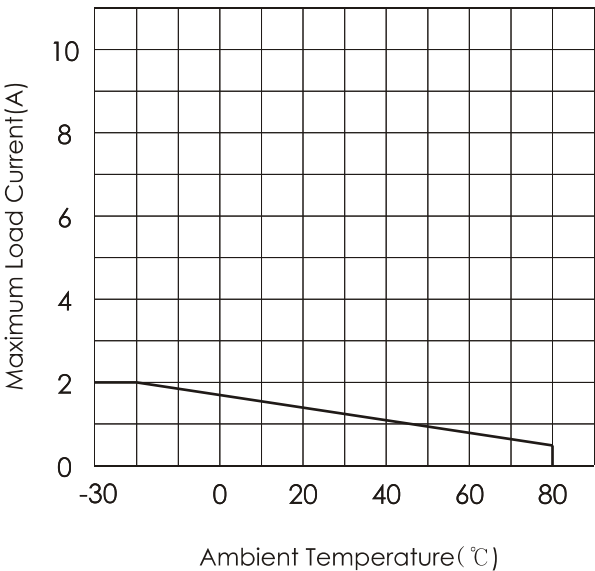
DIMENSIONS (UNIT : MM)



Characteristic curve

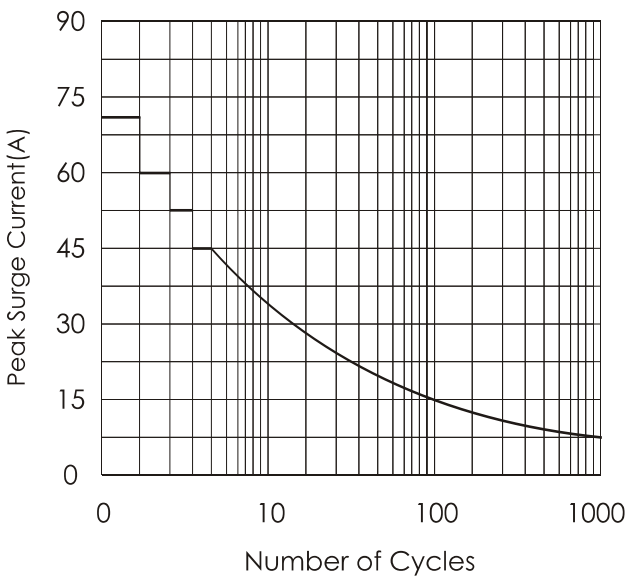
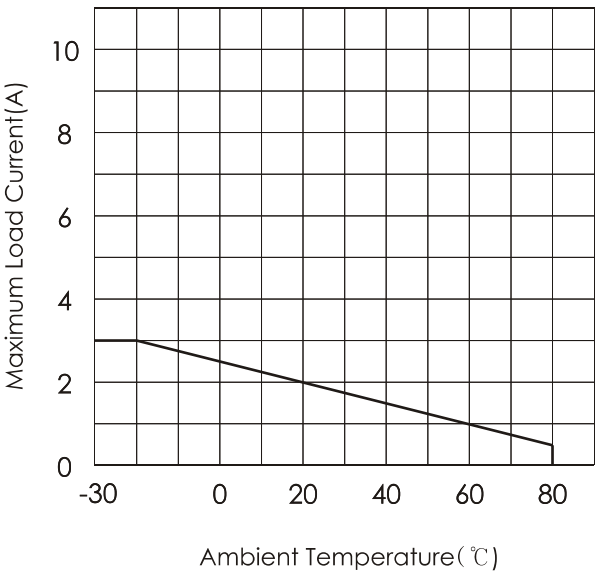
A. 2Amp S.S.R

S.S.R Model
PDA1-202Z/202R
Heatsink
Non



B. 3Amp S.S.R

S.S.R Model
PDA1-203Z/203R
Heatsink
Non



Characteristic curve

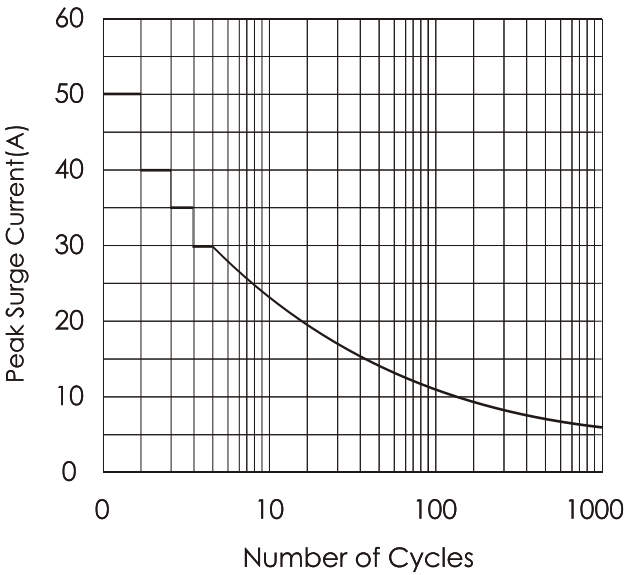
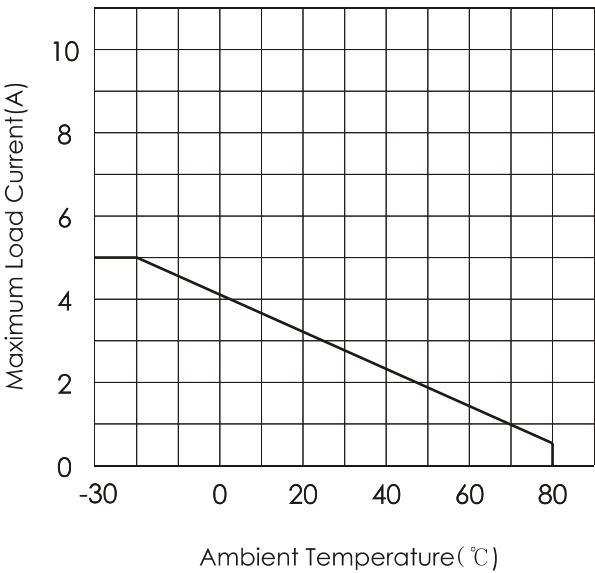
C. 5Amp S.S.R

S.S.R Model

PDA1-205Z/205R

Heatsink

Non



D. 8Amp S.S.R

S.S.R Model

PDA1-208Z/208R

Heatsink

Non

