

	3 PHASE Series				3 PHASE 2 Line Series			
	K3P20C25DA	K3P40R25DA	K3P20R25AA	K3P40R25AA	K3P20C25DA-2L	K3P40R25AA-2L	K3P20R25AA-2L	K3P40R25AA-2L
<b>Control Voltage Range</b>	6-32VDC				6-32VDC			
<b>Must Turn Off Voltage</b>	Max 3.0VDC				Max 3.0VDC			
<b>Input Impedance</b>	1.5 Kohm							
<b>Max Load Current</b>	25A, 40A, 50A, 75A, 90A, 100A, 125A							
<b>Load Voltage Range</b>	24-280VAC	48-480VAC	24-280VAC	48-480VAC	24-280VAC	48-480VAC	24-280VAC	48-480VAC
<b>Blocking Voltage</b>	600VAC <sub>max</sub>	1200VAC <sub>max</sub>	600VAC <sub>max</sub>	1200VAC <sub>max</sub>	600VAC <sub>max</sub>	1200VAC <sub>max</sub>	600VAC <sub>max</sub>	1200VAC <sub>max</sub>
<b>Max Off-State Leakage</b>	Less 10mA							
<b>Max 1-cycle Peak Surge</b>	250A, 400A, 500A, 750A, 900A, 1000A, 1250A							
<b>Max Off State dv/dt</b>	500V <sub>μ</sub> /SEC	1000V <sub>μ</sub> /SEC	500V <sub>μ</sub> /SEC	1000V <sub>μ</sub> /SEC	500V <sub>μ</sub> /SEC	1000V <sub>μ</sub> /SEC	500V <sub>μ</sub> /SEC	1000V <sub>μ</sub> /SEC
<b>Isolate Impedance</b>	10 <sup>9</sup> ohm							
<b>Dielectric Strength Input-Output</b>	4000VAC rms							
<b>Dielectric Strength Input-Output_Case</b>	4000VAC rms							
<b>Turn On Time</b>	Less 2m SEC							
<b>Turn Off Time</b>	Less 1/2AC cycle							
<b>Frequency Range</b>	47-70Hz							
<b>Operating Temperature</b>	-20 ~ 80°C							
<b>Switching Type</b>	C:Zero Cross				R:Random Switching			
<b>Weight (g)</b>	400g							

	3 PHASE Series		3 PHASE 2 Line Series	
	KA20C02A	KA20C04A	KB20C02A	KB20C04A
<b>Control Voltage Range</b>	3-32VDC		3-32VDC	
<b>Must Turn Off Voltage</b>	Max 1.0VDC		Max 1.0VDC	
<b>Input Impedance</b>	1.5 Kohm		1.5 Kohm	
<b>Max Load Current</b>	2A, 4A		2A, 3A, 4A, 5A, 6A	
<b>Load Voltage Range</b>	24-280VAC		24-280VAC	
<b>Min. Blocking Voltage</b>	600VAC peak		600VAC peak	
<b>Max Off-State Leakage</b>	Less 3mA		Less 3mA	
<b>Max 1-cycle Peak Surge</b>	20A / 40A		20A, 30A, 40A, 50A, 60A	
<b>Max Off State dv/dt</b>	200V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC	
<b>Isolate Impedance</b>	10 <sup>9</sup> ohm		10 <sup>9</sup> ohm	
<b>Dielectric Strength Input-Output</b>	2500VAC rms		2500VAC rms	
<b>Dielectric Strength Input-Output_Case</b>	4000VAC rms		4000VAC rms	
<b>Turn On Time</b>	Less 2m SEC		Less 2m SEC	
<b>Turn Off Time</b>	Less 1/2AC cycle		Less 1/2AC cycle	
<b>Frequency Range</b>	47-70Hz		47-70Hz	
<b>Operating Temperature</b>	-20 ~ 80°C		-20 ~ 80°C	
<b>Switching Type</b>	Zero Cross		Zero Cross	
<b>Weight (g)</b>	15g		12g	

	KA/KE Series		KB/KF/KM/KN Series		KC/KD/KG/KL/KR Series		KO Series		KS Series		KT Series		I/O Module	
	KA20C02A	KA20C04A	KB20C02A	KB20C04A	KB40C02A	KB40C04A	KB40C05A	KB40C06A	KC2010AX	KC2015AX	KC2025AX	KC2040AX	KC4015AX	KC4015AX
<b>Control Voltage Range</b>	3-32VDC		3-32VDC		4-20mA or 0-10VDC		3-32VDC		3-32VDC		3-32VDC		3-32VDC	
<b>Must Turn Off Voltage</b>	Max 1.0VDC		Max 1.0VDC		Max 3.0VDC		Max 1.0VDC		Max 1.0VDC		Max 1.0VDC		Max 1.0VDC	
<b>Input Impedance</b>	1.5 Kohm		1.5 Kohm		1.5 Kohm		1.5 Kohm		1.5 Kohm		1.5 Kohm		1.5 Kohm	
<b>Max Load Current</b>	2A, 4A		2A, 3A, 4A, 5A, 6A		10A, 15A, 25A, 40A, 50A, 75A, 90A		2A, 4A		5A, 10A, 25A, 40A, 50A, 75A, 90A, 100A, 125A		2A, 4A, 6A		2A, 4A, 6A	
<b>Load Voltage Range</b>	24-280VAC		24-280VAC		24-280VAC		3-60VDC		5-200VDC		3-60VDC		5-120VDC	
<b>Min. Blocking Voltage</b>	600VAC peak		600VAC peak		600VAC peak		80VDC		300VDC		80VDC		140VDC	
<b>Max Off-State Leakage</b>	Less 3mA		Less 3mA		Less 3mA		Less 2mA		Less 3mA		Less 3mA		Less 3mA	
<b>Max 1-cycle Peak Surge</b>	20A / 40A		20A, 30A, 40A, 50A, 60A		100A, 150A, 250A, 400A, 500A		3A, 8.5A		3A, 8.5A		3A, 8.5A		3A, 8.5A	
<b>Max Off State dv/dt</b>	200V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC		1000V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC		200V <sub>μ</sub> /SEC	
<b>Isolate Impedance</b>	10 <sup>9</sup> ohm		10 <sup>9</sup> ohm		10 <sup>9</sup> ohm		10 <sup>9</sup> ohm		10 <sup>9</sup> ohm		10 <sup>9</sup> ohm		10 <sup>9</sup> ohm	
<b>Dielectric Strength Input-Output</b>	2500VAC rms		2500VAC rms		4000VAC rms		2500VAC rms		4000VAC rms		4000VAC rms		2500VAC rms	
<b>Dielectric Strength Input-Output_Case</b>	4000VAC rms		4000VAC rms		4000VAC rms		4000VAC rms		4000VAC rms		4000VAC rms		4000VAC rms	
<b>Turn On Time</b>	Less 2m SEC		Less 2m SEC		Less 2m SEC		Less 2m SEC		Less 2m SEC		Less 2m SEC		Less 2m SEC	
<b>Turn Off Time</b>	Less 1/2AC cycle		Less 1/2AC cycle		Less 1/2AC cycle		Less 2m SEC		Less 2m SEC		Less 2m SEC		Less 1/2AC cycle	
<b>Frequency Range</b>	47-70Hz		47-70Hz		47-70Hz		47-70Hz		47-70Hz		47-70Hz		47-70Hz	
<b>Operating Temperature</b>	-20 ~ 80°C		-20 ~ 80°C		-20 ~ 80°C		-20 ~ 80°C		-20 ~ 80°C		-20 ~ 80°C		-20 ~ 80°C	
<b>Switching Type</b>	Zero Cross		Zero Cross		Phase Control		Zero Cross		N/A		Zero Cross		N/A	
<b>Weight (g)</b>	15g		12g		100g		15g		10g, 12g		12g		10g, 12g	

## ACCESSORIES

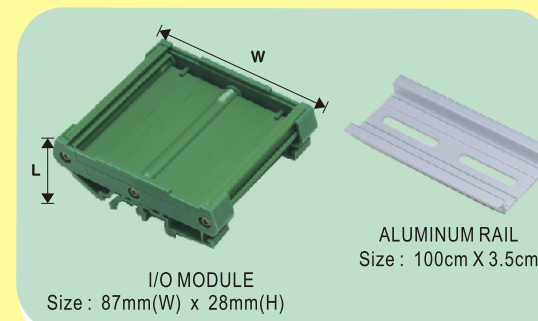
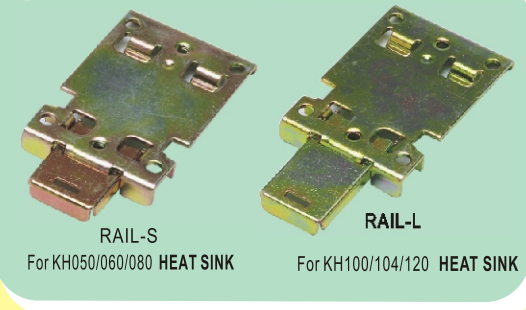
Appearance	Size	Suitable Specification	Appearance	Size	Suitable Specification
<b>KH100</b>	Size: 80mm x 80mm	Model No. Length L(mm) Suitable SSR KH100-80 80 25A, 40A KH100-100 100 50A KH100-120 120 75A KH100-150 150 100A	<b>KH104</b>	Size: 80mm x 80mm	Model No. Length L(mm) Suitable SSR KH104-80 80 25A KH104-100 100 50A KH104-120 120 75A KH104-150 150 100A
<b>KH100</b>	Size: 80mm x 80mm	Model No. Length L(mm) Suitable SSR KH100-80 80 25A KH100-100 100 50A KH100-120 120 75A KH100-150 150 100A	<b>KH107</b>	Size: 100mm x 30mm	Model No. Length L(mm) Suitable SSR KH107-80 80 25A KH107-100 100 50A KH107-120 120 75A KH107-150 150 100A
<b>KH100</b>	Size: 70mm x 70mm	Model No. Length L(mm) Suitable SSR KH100-80 80 25A KH100-100 100 50A KH100-120 120 75A KH100-150 150 100A	<b>KH120</b>	Size: 104mm x 80mm	Model No. Length L(mm) Suitable SSR KH120-80 80 25A, 40A KH120-100 100 50A KH120-120 120 75A KH120-150 150 100A

Note: The good environment that this product needs to be used for dispersion the heat, there are special-purpose HEAT SINK in our company, quality is excellent, for the customer to select for use.

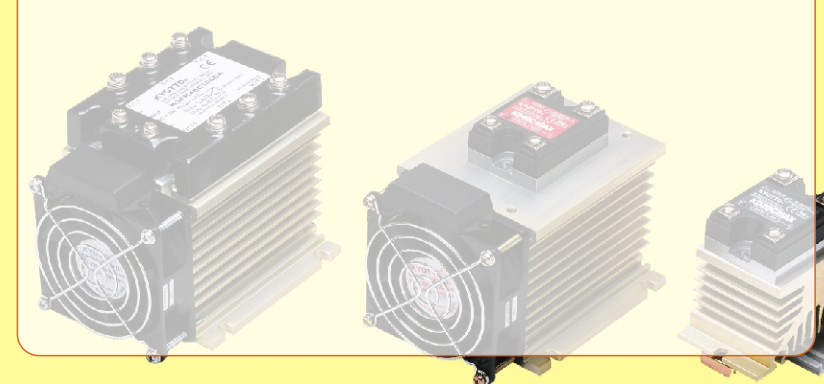
### SAFETY COVER



### RAIL

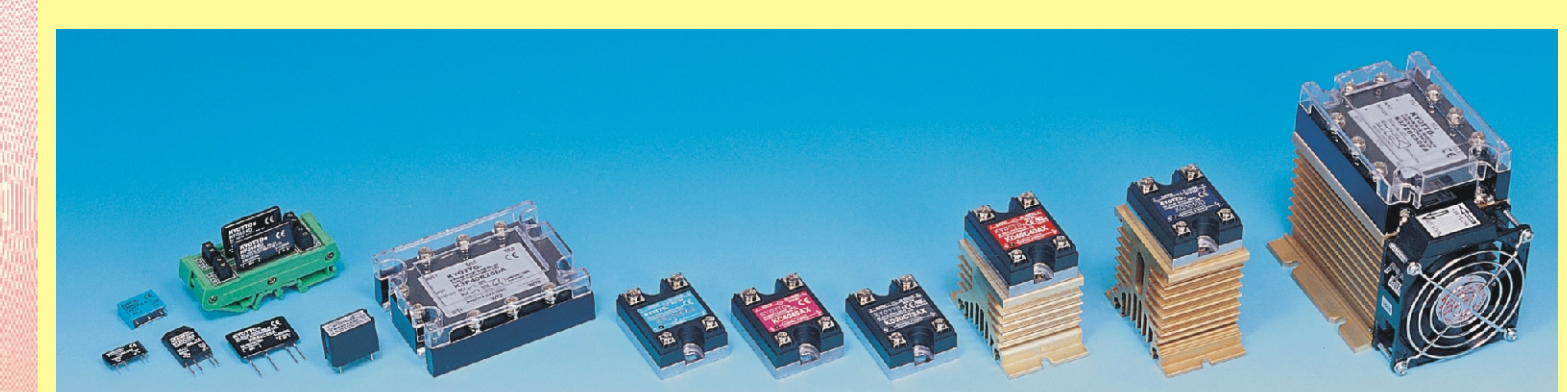


### AUTHORIZED DISTRIBUTOR:



**KYOTTO**  
SOLID STATE RELAY  
CE E206919

For The Application  
Industrial Automation  
High Quality Design



### Purpose:

- Copy Machine
- Robot
- Wrapping Machine
- Electric Distributor
- Microwave Oven
- Micro Computer
- CNC Lathe
- Motor Control
- Office Wave
- Video Game
- Temperature Regulator
- Auto Vending Machine
- Control Equipment
- UPS, AVR
- Traffic Signal Control
- HIGH RELIABILITY, LONG LIFE
- SAFETY
- LOW INPUT POWER CONSUMPTION
- NO CONTACT POINTS
- NO SWITCHING SPARKS
- NO NOISE
- NO MECHANICAL DAMAGE
- NEED NO MAINTENANCE
- NEED NO MECHANICAL MOTION, ELECTRONIC DEVICES
- FAST REACTION, FITS IN HIGH FREQUENCY MOTIONS

### Specification:

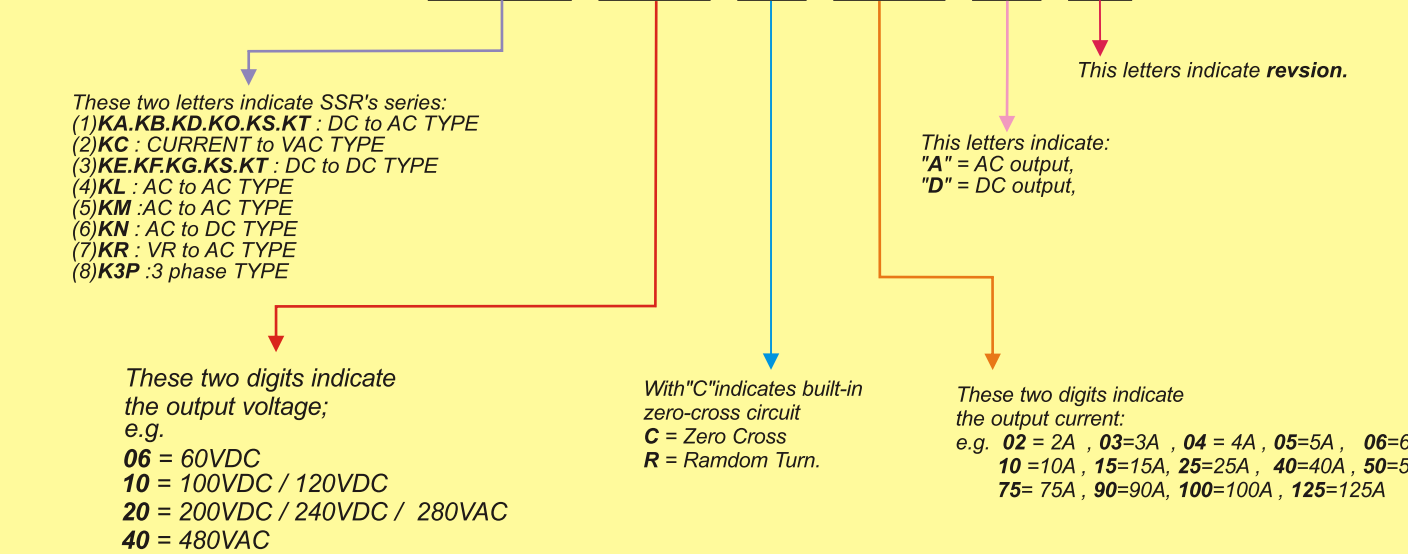
- (1)Category:DC/AC, Single SSR, 3 Phase 3 Line, 3 Phase 2 Line
- (2)SIP Type: Apply to PCB welding
- (3)PANEL MOUNT Type: Apply two screw to fix
- (4)I/O Module Type: Apply many kind of I/O to control
- (5)High-Tension: Load Voltage can to 480VAC, 1200V peak
- (6)Electricity: Max Load current to 125A
- (7)3 Phase SSR: To control 3 Phase Motor & Temperature, Load Voltage to 480VAC

### Model No. Descriptions:

KYOTTO's Model No. Of SSR show special implication. The user can easily choose what they want from reading the Model No. The following is the unified example to help users read the Model NO.

Ex:

**KD 20 C 25 A X**



### Note:

The SSR proposes using in 40°C of working environment, increase by 1.25 amps each time, working environment temperature will increase by 10°C, 80°C of supreme upper limit.

### OUTLINE DIMENSIONS (unit:mm)

