



SOLID STATE RELAY

- ✓ Safety, no switching sparks & contact points
- ✓ Low input power consumption
- ✓ No noise & mechanical Damage
- ✓ Fast reaction, fits in high frequency motions
- ✓ Needs no need mechanical motion, electronic devices






SERIES	Model No.	Max. Load CURRENT	Load Voltage	Min. Blocking Voltage	Control Voltage	Must Turn Off Voltage
KA  DC→AC	KA20C02A	2A, 4A	24~280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0VDC
	KA20C04A					
KB  DC→AC	KB20C02A	2A, 3A, 4A, 5A, 6A	24-280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0VDC
	KB40C04A	2A, 3A, 4A, 5A, 6A	24-480VAC	1200VAC _{Peak}		
KC  4~20mA 0~10V Current→VAC	KC2025AX	10A, 15A, 25A, 40A 50A, 75A, 90A	24~280VAC	600VAC _{Peak}	4~20mA or 0~10VDC	Max. 3.0VDC
	KC4075AX	10A, 15A, 25A, 40A 50A, 75A, 90A	48~480VAC	1200VAC _{Peak}		
KD  DC→AC	KD20C25AX	10A, 15A, 25A, 40A, 50A 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	4~32VDC	Max. 1.0VDC
	KD40C100AX	10A, 15A, 25A, 40A, 50A 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}		
KE  DC→DC	KE0602D	2A, 4A	3~60VDC	80VDC	3~32VDC	MAX. 1.0VDC
	KE2004D	2A, 4A	5~200VDC	300VDC	3~32VDC	MAX. 1.0VDC
KF  DC→DC	KF0602D	2A, 4A	3~60VDC	80VDC	3~32VDC	Max. 1.0VDC
	KF0604D					
KG  DC→DC	KG1025D	5A, 10A, 25A, 40A, 50A, 75A	5~120VDC	140VDC	3~32VDC	Max. 1.0VDC
	KG2075D	10A, 25A, 40A, 50A, 75A	5~240VDC	300VDC	4~32VDC	Max. 1.0VDC
KL  AC→AC	KL20C25AX	10A, 15A, 25A, 40A, 50A 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	80~280VAC	Max. 1.0VDC
	KL40C100AX	10A, 15A, 25A, 40A, 50A 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}		
KM  AC→AC	KM20C06A	2A, 4A, 6A	24~280VAC	600VAC _{Peak}	80~280VAC	Max. 10Vac
KN  AC→DC	KN0602D	2A, 4A	3~60VDC	600VAC _{Peak}	80~280VAC	Max. 10Vac
KN  AC→DC	KN1010D	10A, 25A	5~120VDC	140VDC	80~280VAC	Max. 10Vac
	KN2025D	10A, 25A	5~120VDC	240VDC	80~280VAC	
KO  DC→AC	KO20C01A	1A, 2A	12~280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0Vac
KR  VR→AC	KR2025AX	10A, 15A, 25A, 40A, 50A, 75A, 90A	24~280VAC	600VAC _{Peak}	VR 0~500KΩ	Potentiometer & Scale Sticker & Knob included
	KR4090AX	25A, 40A, 50A, 75A, 90A	48~480VAC	1200VAC _{Peak}	VR 0~1MΩ	
KS  DC→AC  DC→DC	KS2002A	2A	24~280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0VDC
	KS4002A	2A	48~480VAC	1200VAC _{Peak}	3~32VDC	
	KS0602D	2A	3~60VAC	80VDC	3~32VDC	
KT  DC→AC DC→DC	KT20C08A	8A, 12A, 16A	24~280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0VDC
	KT20R16A	8A, 12A, 16A	24~280VAC	600VAC _{Peak}	3~32VDC	
	KT1008D	8A	3~120VDC	400VDC	3~32VDC	

SOLID STATE RELAY

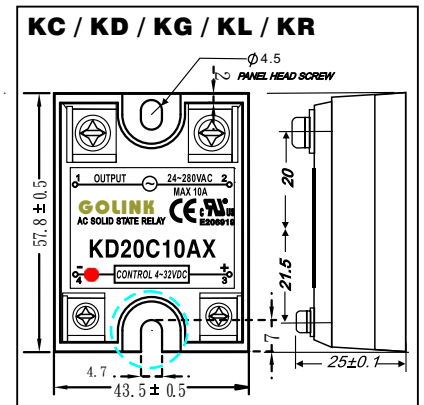
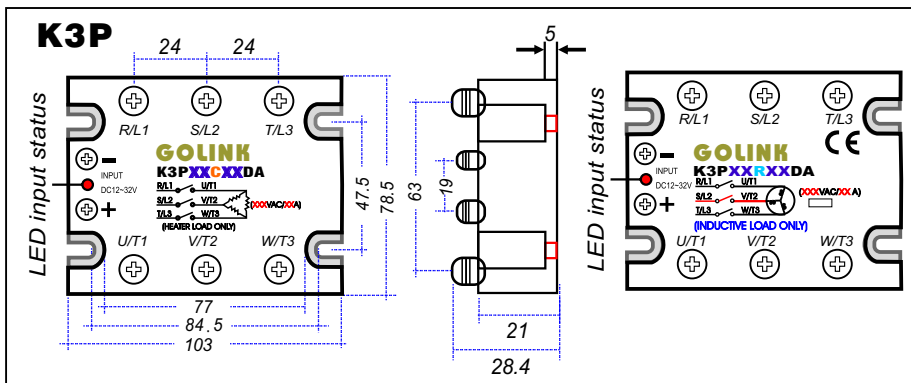
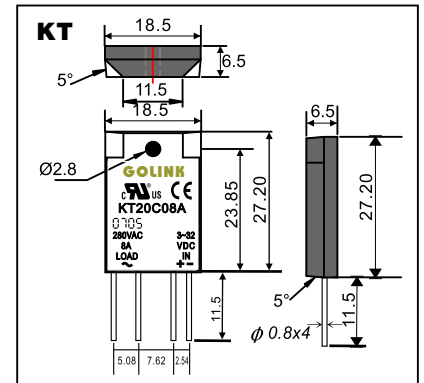
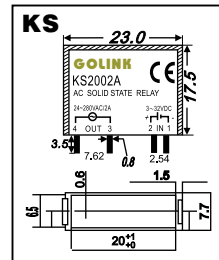
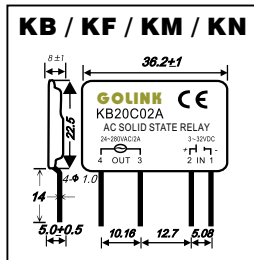
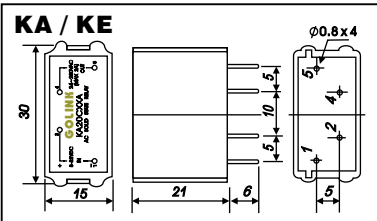
SERIES	Model No.	Max. Load CURRENT	Load Voltage	Min. Blocking Voltage	Control Voltage	Must Turn Off Voltage
IO-B  DC→AC	IO-B20C04A-2	By KB20C 1A 2A, 3A, 4A, 5A, 6A 1/2/4/8 Ports	24~280VAC	600VAC _{Peak}	3~32VDC	Max. 1.0VDC
	IO-B40C06A-8	By KB20C 1A 2A, 3A, 4A, 5A, 6A 1/2/4/8 Ports	24~480VAC	1200VAC _{Peak}		
IO-F  DC→DC	IO-F0602D-4	By KF0602D (2A) or KF0604D (4A) for 1/2/4/8 ports	3~60VDC	80VDC	3~32VDC	Max. 1.0VDC

3 PHASE - SOLID STATE RELAY

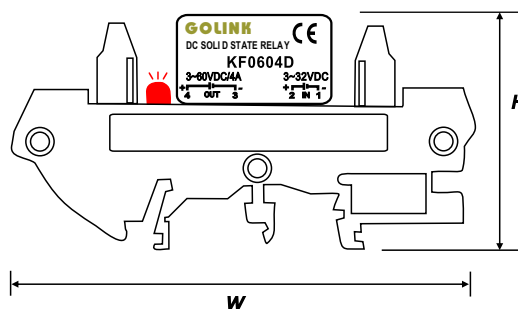
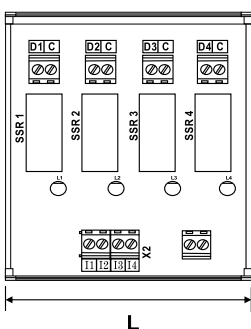
	Heater Load DC→AC	Load Current	Load Voltage	Blocking Voltage	Control Voltage	Must Turn off Voltage
	K3P20C25DA	25A, 40A, 50A, 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	6~32VDC	Max. 3VDC
	K3P40C75DA	25A, 40A, 50A, 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}	12~32VDC	Max. 3VDC
	K3P20C50AA	25A, 40A, 50A, 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	80~280VAC	Max. 10VAC
	K3P40C90AA	25A, 40A, 50A, 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}	80~280VAC	Max. 10VAC
 Inductive Load	K3P20R25DA	25A, 40A, 50A, 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	6~32VDC	Max. 3VDC
	K3P40R40DA	25A, 40A, 50A, 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}	12~32VDC	Max. 3VDC
	K3P20R75AA	25A, 40A, 50A, 75A, 90A, 100A, 125A	24~280VAC	600VAC _{Peak}	80~280VAC	Max. 10VAC
	K3P40R90AA	25A, 40A, 50A, 75A, 90A, 100A, 125A	48~480VAC	1200VAC _{Peak}	80~280VAC	Max. 10VAC

✳ With code "C" indicates built-in Zero-cross circuit, the code "R" means Random Turn ON type.

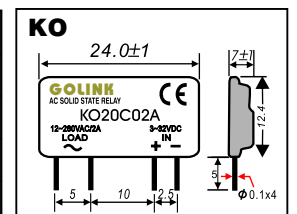
Outline Dimension (Unit: mm)



IO-series



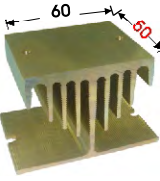
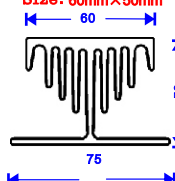

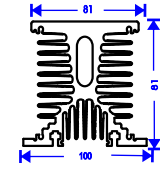

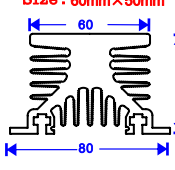
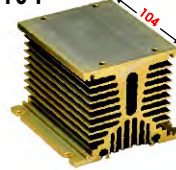
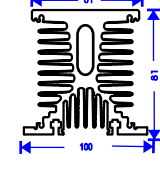

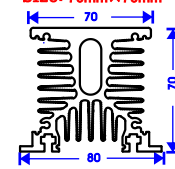

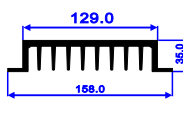
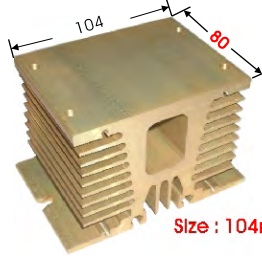
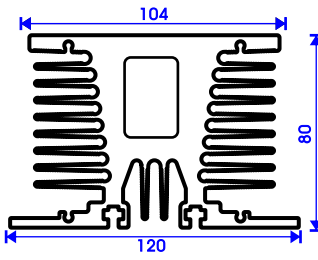
Model	Dimension (LxWxH)mm
IO-1 port	14x87x51
IO-2 port	34x87x51
IO-4 port	64x87x51
IO-8 port	124x87x51

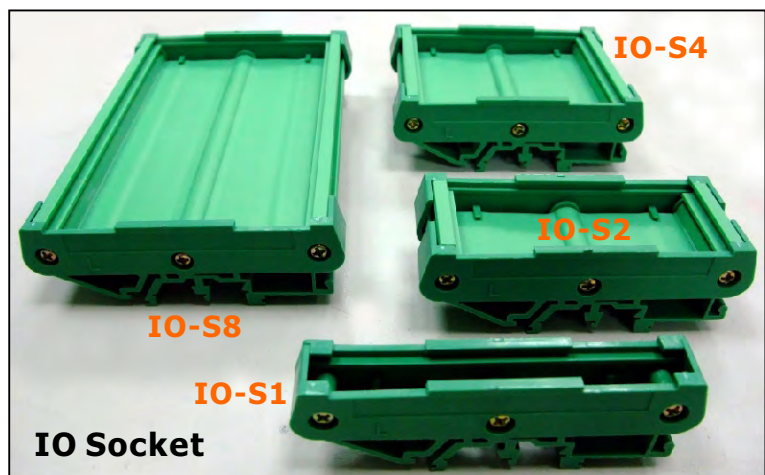
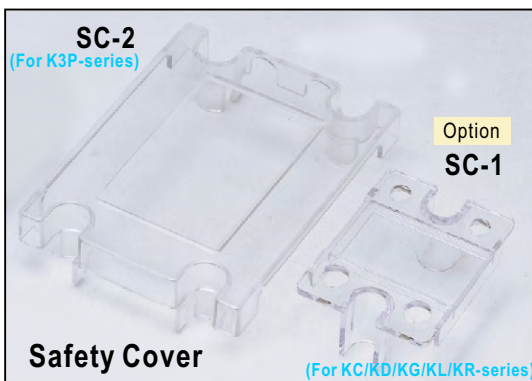


SOLID STATE RELAY & Accessories

※ **Notice:** the Solid State Relay should be using in max. Ambient temperature 40°C, the temperature will increase 10°C when increases per 1.25Amp. We recommend the correct usage with proper Heat Sink avoiding the malfunction caused by over temperature.

Heat Sink

Appearance	Size	Suitable Specification	Appearance	Size	Suitable Specification																																	
H050 	Size: 60mm×50mm 	<table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H050-50</td> <td>50</td> <td>5A, 10A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H050-50	50	5A, 10A	H100 	Size: 81mm×81mm 	<table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H100-45</td> <td>45</td> <td>40A</td> </tr> <tr> <td>H100-70</td> <td>70</td> <td>50A</td> </tr> <tr> <td>H100-100</td> <td>100</td> <td>75A</td> </tr> <tr> <td>H100-120</td> <td>120</td> <td>90A</td> </tr> <tr> <td>H100-150</td> <td>150</td> <td>100A,125A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H100-45	45	40A	H100-70	70	50A	H100-100	100	75A	H100-120	120	90A	H100-150	150	100A,125A									
Model No	Length L(mm)	Suitable SSR																																				
H050-50	50	5A, 10A																																				
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H100-70	70	50A																																				
H100-100	100	75A																																				
H100-120	120	90A																																				
H100-150	150	100A,125A																																				
H060 	Size: 60mm×50mm 	<table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H060-50</td> <td>50</td> <td>10A,15A</td> </tr> <tr> <td>H060-80</td> <td>80</td> <td>25A</td> </tr> <tr> <td>H060-100</td> <td>100</td> <td>40A</td> </tr> <tr> <td>H060-120</td> <td>120</td> <td>50A</td> </tr> <tr> <td>H060-150</td> <td>150</td> <td>75A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H060-50	50	10A,15A	H060-80	80	25A	H060-100	100	40A	H060-120	120	50A	H060-150	150	75A	H104 	Size: 81mm×81mm 	H104-series for 3 phase SSR <table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H104-104</td> <td>104</td> <td>25A, 40A</td> </tr> <tr> <td>H104-120</td> <td>120</td> <td>50A</td> </tr> <tr> <td>H104-150</td> <td>150</td> <td>75A</td> </tr> <tr> <td>H104-200</td> <td>200</td> <td>90A,100A,125A</td> </tr> </tbody> </table> <p><i>Note): It depends on the condition of discharge heat for adding the Fan to cool forcibly.</i></p>	Model No	Length L(mm)	Suitable SSR	H104-104	104	25A, 40A	H104-120	120	50A	H104-150	150	75A	H104-200	200	90A,100A,125A
Model No	Length L(mm)	Suitable SSR																																				
H060-50	50	10A,15A																																				
H060-80	80	25A																																				
H060-100	100	40A																																				
H060-120	120	50A																																				
H060-150	150	75A																																				
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H104-104	104	25A, 40A																																				
H104-120	120	50A																																				
H104-150	150	75A																																				
H104-200	200	90A,100A,125A																																				
H080 	Size: 70mm×70mm 	<table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H080-50</td> <td>50</td> <td>25A</td> </tr> <tr> <td>H080-100</td> <td>100</td> <td>40A</td> </tr> <tr> <td>H080-150</td> <td>150</td> <td>50A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H080-50	50	25A	H080-100	100	40A	H080-150	150	50A	H197-100 	Size: 158mm×35mm 	H197-100 for 3 phase SSR <table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H197-100</td> <td>100</td> <td>25A, 40A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H197-100	100	25A, 40A															
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H080-50	50	25A																																				
H080-100	100	40A																																				
H080-150	150	50A																																				
Model No	Length L(mm)	Suitable SSR																																				
H197-100	100	25A, 40A																																				
H120 	Size: 104mm X 80mm 	<table border="1"> <thead> <tr> <th>Model No</th> <th>Length L(mm)</th> <th>Suitable SSR</th> </tr> </thead> <tbody> <tr> <td>H120-80</td> <td>80</td> <td>25A, 40A</td> </tr> <tr> <td>H120-100</td> <td>100</td> <td>50A</td> </tr> <tr> <td>H120-120</td> <td>120</td> <td>75A</td> </tr> <tr> <td>H120-150</td> <td>150</td> <td>90A,100A,125A</td> </tr> </tbody> </table>	Model No	Length L(mm)	Suitable SSR	H120-80	80	25A, 40A	H120-100	100	50A	H120-120	120	75A	H120-150	150	90A,100A,125A																					
Model No	Length L(mm)	Suitable SSR																																				
H120-80	80	25A, 40A																																				
H120-100	100	50A																																				
H120-120	120	75A																																				
H120-150	150	90A,100A,125A																																				



Option Accessory **Model: RAIL-S** (For H050/H060/H080 Heat Sink)
Model: RAIL-L (For H100/H104/H120 Heat Sink)

