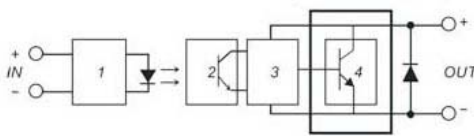




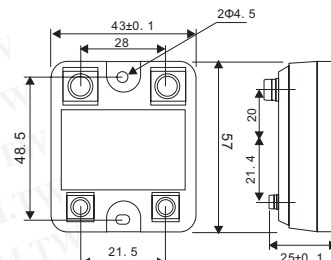
# Relays & Solenoids

## Surface Mounting Power DC To DC Solid State Relays

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



EQUIVALENT CIRCUIT



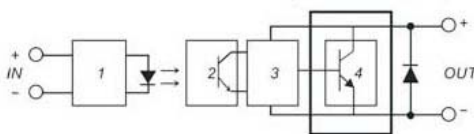
1. INPUT CIRCUIT
2. PHOTO DETECTOR
3. AMPLIFIER
4. PROTECTED CIRCUIT

### SPECIFICATIONS

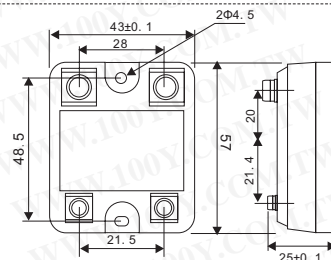
Model No.	Control voltage range	Must turn off voltage	Input Impedance	Max load current	Load voltage range	Min blocking voltage	Max off-state leakage	Frequency range	MAX 1-CYCLE PEAK SURGE
KG1010D	3 TO 32 VDC	MAX1.0VDC	1.5Kohm	15A	5-120VDC	120VDC	LESS 5 mA	47-70HZ	15A
KG1025D	3 TO 32 VDC	MAX1.0VDC	1.5Kohm	25A	5-120VDC	120VDC	LESS 7 mA	47-70HZ	35A
KG1040D	3 TO 32 VDC	MAX1.0VDC	1.5Kohm	40A	5-120VDC	120VDC	LESS 7 mA	47-70HZ	52A

Model NO.	Isolation Impedence	Dielectric strength input-output	Dielectric strength input output-case	Turn-on time	Turn-off time	Capacitance in-out	Weight (g)
KG1010D	10 <sup>9</sup> ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS ½ AC cycle	LESS 15 PF	95g
KG1025D	10 <sup>9</sup> ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS ½ AC cycle	LESS 15 PF	95g
KG1040D	10 <sup>9</sup> ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS ½ AC cycle	LESS 15 PF	95g

Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
2756	KG1010D	KYOTTO	Surface Mounting Power DC-DC SSR	3-32VDC	10A	5-120VDC	Not Applicable
14419	KG1025D	KYOTTO	Surface Mounting Power DC-DC SSR	3-32VDC	25A	5-120VDC	Not Applicable
17383	KG1040D	KYOTTO	Power DC-DC SSR	3-32VDC	40A	5-120VDC	Not Applicable



EQUIVALENT CIRCUIT



1. INPUT CIRCUIT
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### SPECIFICATIONS

Model No.	Control voltage range	Must turn off voltage	Input Impedance	Max load current	Load voltage range	Min blocking voltage	Max off-state leakage	Frequency range	MAX 1-CYCLE PEAK SURGE
KG2050D	3 TO 32 VDC	MAX1.0VDC	1.5Kohm	50A	5-220VDC	240VDC	LESS 7 mA	47-70HZ	150A
KG2075D	3 TO 32 VDC	MAX1.0VDC	1.5Kohm	75A	5-220VDC	240VDC	LESS 7 mA	47-70HZ	225A

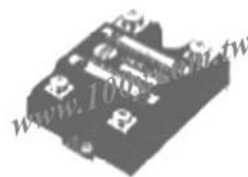
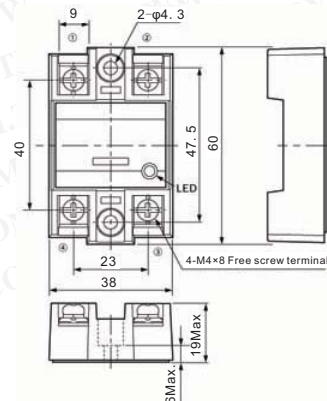
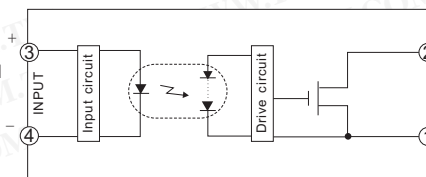
Model NO.	Isolation Impedence	Dielectric strength input-output	Dielectric strength input output-case	Turn-on time	Turn-off time	Capacitance in-out	Weight (g)
KG2050D	10 <sup>9</sup> ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS ½ AC cycle	LESS 15 PF	95g
KG2075D	10 <sup>9</sup> ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS ½ AC cycle	LESS 15 PF	95g

Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
44493	KG2050D	KYOTTO	Power DC-DC SSR	4-32VDC	50A	5-240VDC	Not Applicable
37635	KG2075D	KYOTTO	Power DC-DC SSR	4-32VDC	75A	5-240VDC	Not Applicable

### Features

- SSR for DC load
- Max. load current at 5A、10A、15A
- Dielectric strength between input and output at 2,500V/1 min.
- MOS FET type
- Optional safety cover available
- Optional heat-sink available

### EQUIVALENT CIRCUIT



Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
37226	S1D-0515WD	JEL	JEL_DC SSR	DC4-28V	15A	DC3-50V	LED

