

DC SOLID STATE RELAY

KG2010D
KG2025D
KG2040D
KG2050D
KG2075D

KG SERIES

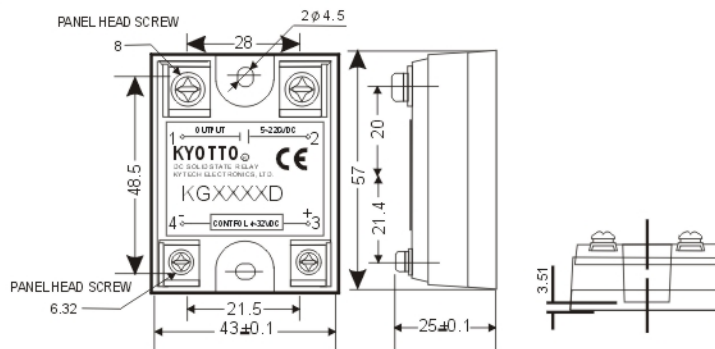


SPECIFICATIONS

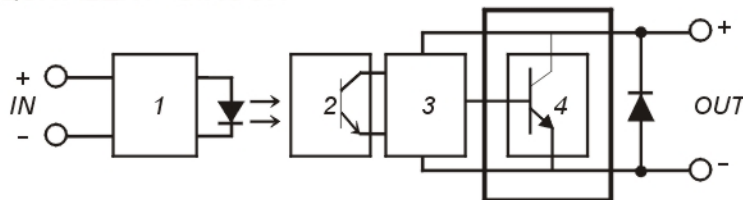
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KG2010D	3TO 32VDC	MAX 1.0 VDC	1.5 Kohm	10A	5-220VDC	240 VDC	LESS 3 mA	47-70HZ	15A
KG2025D	3TO 32VDC	MAX 1.0 VDC	1.5 Kohm	25A	5-220VDC	240 VDC	LESS 5 mA	47-70HZ	35A
KG2040D	3TO 32VDC	MAX 1.0 VDC	1.5 Kohm	40A	5-220VDC	240 VDC	LESS 7 mA	47-70HZ	52A
KG2050D	3TO 32VDC	MAX 1.0 VDC	1.5 Kohm	50A	5-220VDC	240 VDC	LESS 7 mA	47-70HZ	150A
KG2075D	3TO 32VDC	MAX 1.0 VDC	1.5 Kohm	75A	5-220VDC	240 VDC	LESS 7 mA	47-70HZ	225A

MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT/OUTPUT	DIELECTRIC STRENGTH INPUT/OUTPUT/CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
KG2010D	200 V/ μ SEC	2.0Vrms	10^9 ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 1/2AC CYCLE	LESS 15 PF	95 g
KG2025D	200 V/ μ SEC	2.0Vrms	10^9 ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 1/2AC CYCLE	LESS 15 PF	95 g
KG2040D	200 V/ μ SEC	2.0Vrms	10^9 ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 1/2AC CYCLE	LESS 15 PF	95 g
KG2050D	200 V/ μ SEC	2.0Vrms	10^9 ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 1/2AC CYCLE	LESS 15 PF	95 g
KG2075D	200 V/ μ SEC	2.0Vrms	10^9 ohm	4000 VACrms	2500 VACrms	LESS 2 mSec	LESS 1/2AC CYCLE	LESS 15 PF	95g

OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



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