

DC SOLID STATE RELAY

**KN1010D
KN1025D
KN2010D
KN2025D**

KN SERIES

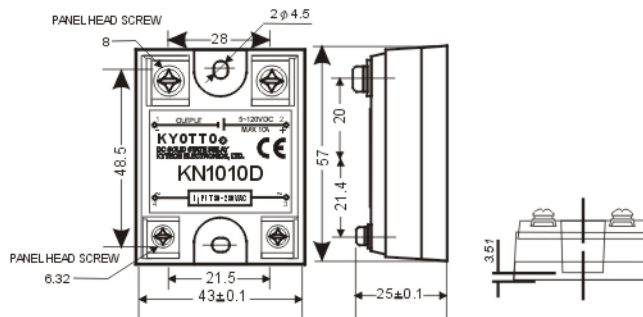


SPECIFICATIONS

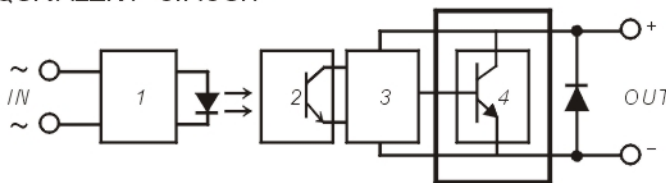
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KN1010D	80-280VAC	MAX 10 VAC	1.5 Kohm	10A	5-120VDC	140VDC	LESS 3 mA	47-70HZ	15A
KN1025D	80-280VAC	MAX 10 VAC	1.5 Kohm	25A	5-120VDC	140VDC	LESS 3 mA	47-70HZ	35A
KN2010D	80-280VAC	MAX 10 VAC	1.5 Kohm	10A	5-240VDC	300VDC	LESS 3 mA	47-70HZ	15A
KN2025D	80-280VAC	MAX 10 VAC	1.5 Kohm	25A	5-240VDC	300VDC	LESS 3 mA	47-70HZ	35A

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	OPERATING TEMPERATURE	WEIGHT (g)
KN1010D	100 V/μSEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C~80°C	100 g
KN1025D	100 V/μSEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C~80°C	100 g
KN2010D	200 V/μSEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C~80°C	100 g
KN2025D	200 V/μSEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C~80°C	100 g

OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



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

CHARACTERISTIC CURVES

