

DC SOLID STATE RELAY

KN1010D
KN1025D
KN2010D
KN2025D

KN SERIES



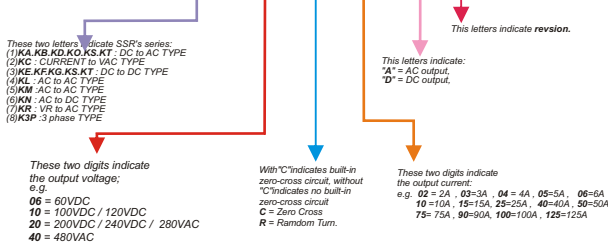
SPECIFICATIONS

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	160VDC	LESS 3 mA	47-70HZ	15A
KN1025D	80-280VAC	MAX 10 VAC	1.5 Kohm	25A	5-120VDC	160VDC	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

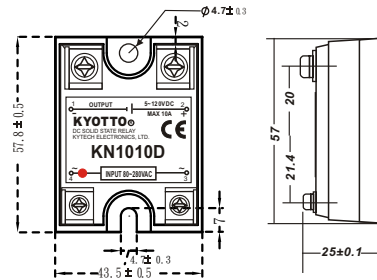
MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDENCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT-OUTPUT-CASE	TURN ON TIME	TURN OFF TIME	OPERATING TEMPERATURE	WEIGHT (g)
KN1010D	100 V/ μ SEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C ~ 80°C	100 g
KN1025D	100 V/ μ SEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C ~ 80°C	100g
KN2010D	200 V/ μ SEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C ~ 80°C	100g
KN2025D	200 V/ μ SEC	2.0Vrms	10 ⁹ ohm	4000 VACrms	4000 VACrms	LESS 2 mSec	LESS 1/2AC cycle	-20°C ~ 80°C	100 g

型號索引說明 Model No. Descriptions:

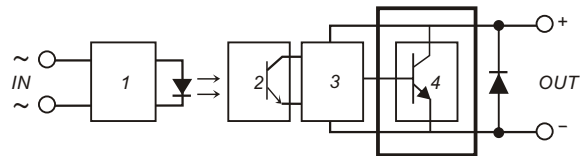
KD 20 C 25 A X



OUTLINE DIMENSIONS(unit:mm)

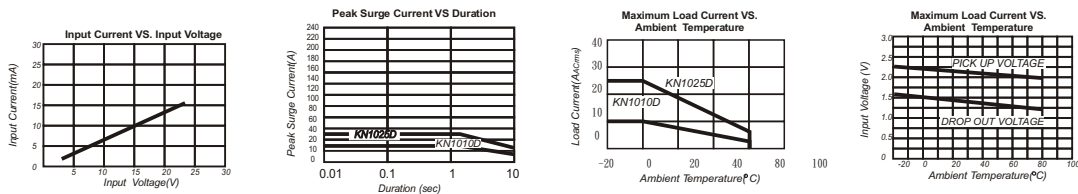


EQUIVALENT CIRCUIT



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

CHARACTERISTIC CURVES



	凱優特有限公司 KYTECH ELECTRONICS, LTD.				符合RoHS	DAWNING NO.
					完全	KN10XXD
					排除	量產外型圖