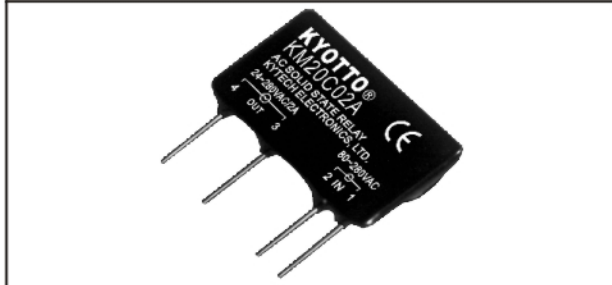


AC SOLID STATE RELAY

KM20C02A
KM20C04A
KM20C06A

KM SERIES

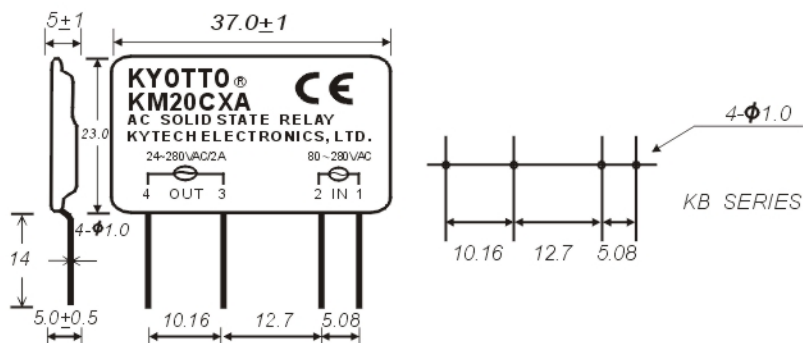


SPECIFICATIONS

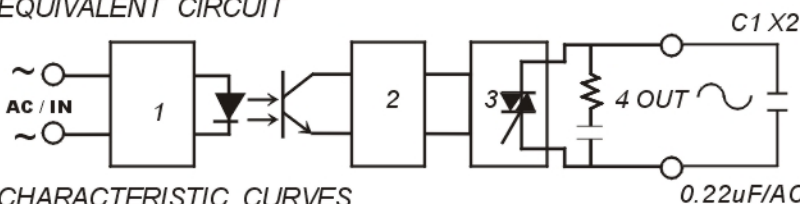
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KM20C02A	80 TO 280 VAC	MAX 1.0 VDC	1.5 Kohm	2A	24-280VAC	600VAC	LESS 5 mA	47-70 HZ	30A
KM20C04A	80 TO 280 VAC	MAX 1.0 VDC	1.5 Kohm	4A	24-280VAC	600VAC	LESS 5 mA	47-70 HZ	50A
KM20C06A	80 TO 280 VAC	MAX 1.0 VDC	1.5 Kohm	6A	24-280VAC	600VAC	LESS 5 mA	47-70 HZ	60A

MODEL NO.	MAX OFF STATE dV/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDANCE	DIELECTRIC STRENGTH INPUT/OUPUT	DIELECTRIC STRENGTH INPUT/OUTPUT/CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
KM20C02A	100 V/ μ SEC	1.5VAC	10^9 ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	10 g
KM20C04A	100 V/ μ SEC	2.0VAC	10^9 ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
KM20C06A	200 V/ μ SEC	2.0VAC	10 ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g

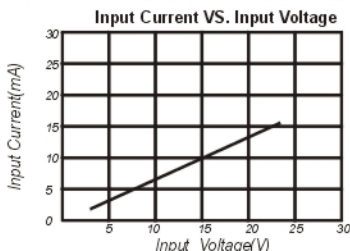
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



CHARACTERISTIC CURVES



Attention:
In order to be in compliance with the EMC Directive an additional X2 capacitor at the output is required if the SSR is operated as single component. In case the SSR is incorporated in an appliance the existing EMI filter may provide the required EMI suppression. The X2 capacitor must be placed as close as possible to the output terminals. See also above.

