

AC SOLID STATE RELAY

**KB20C02A
 KB20C03A
 KB20C04A
 KB20C06A**

KB SERIES

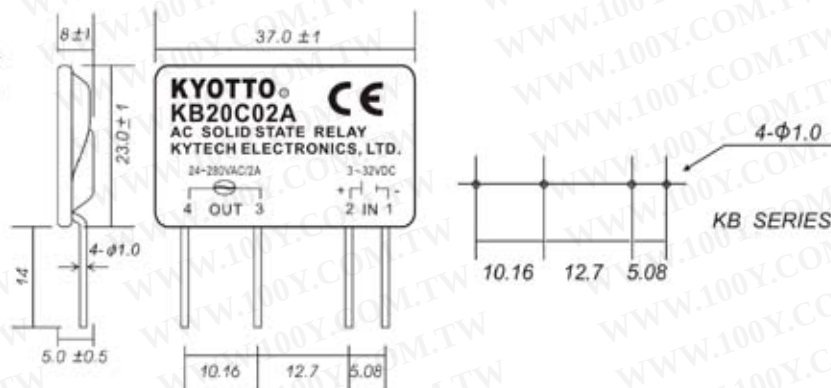


SPECIFICATIONS

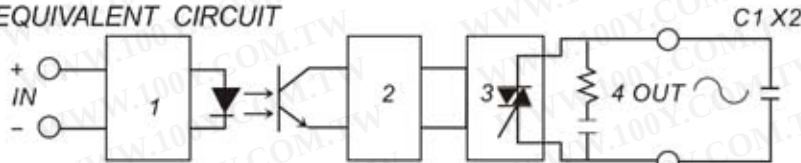
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LEAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
KB20C02A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	2A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	30A
KB20C03A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	3A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	40A
KB20C04A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	4A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	50A
KB20C06A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	6A	24-280VAC	600VAC	LESS 5 mA	47-70HZ	60A

MODEL NO.	MAX OFF-STATE SWAP	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDANCE	TURN ON STRENGTH	HEATED THERMIST PROTECT CUB	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN/OUT	WEIGHT (g)
KB20C02A	100 W _{II} SEC	1.5VAC	10 ⁸ ohm	2500 VACrms	—	LESS 2 mSec	LESS 10 AC CYCLE	LESS 15 PF	10 g
KB20C03A	100 W _{II} SEC	1.5VAC	10 ⁸ ohm	2500 VACrms	—	LESS 2 mSec	LESS 10 AC CYCLE	LESS 15 PF	12 g
KB20C04A	100 W _{II} SEC	2.0VAC	10 ⁸ ohm	2500 VACrms	—	LESS 2 mSec	LESS 10 AC CYCLE	LESS 15 PF	12 g
KB20C06A	200 W _{II} SEC	2.0VAC	10 ⁸ ohm	2500 VACrms	—	LESS 2 mSec	LESS 10 AC CYCLE	LESS 15 PF	12 g

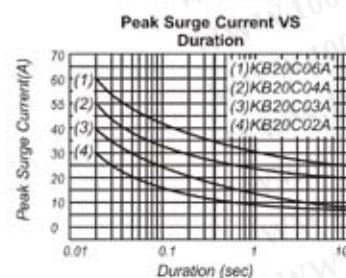
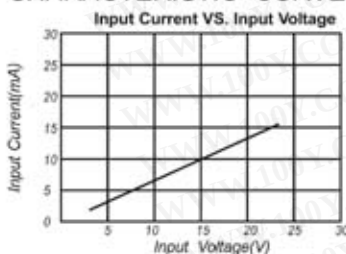
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



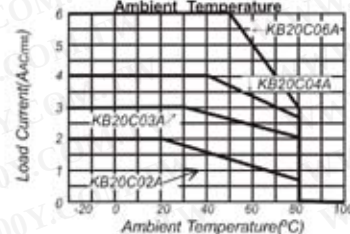
CHARACTERISTIC CURVES



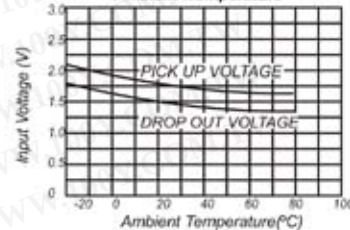
Attention:

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.

Maximum Load Current VS. Ambient Temperature



Maximum Load Current VS. Ambient Temperature



AC SOLID STATE RELAY

**KB40C04A
KB40C06A**

KB SERIES

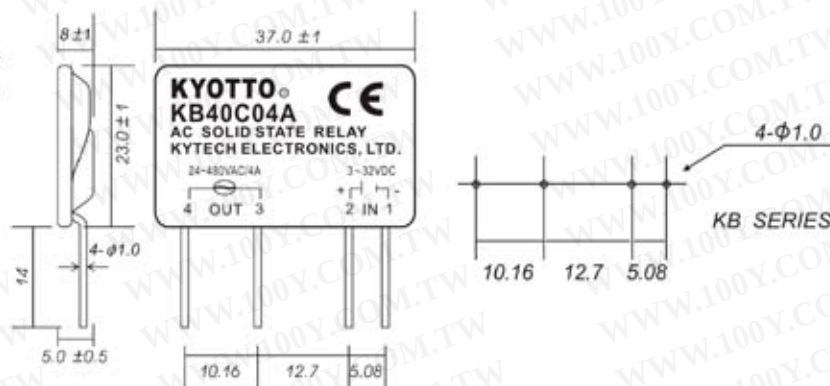


SPECIFICATIONS

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
KB40C04A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	4A	24-480VAC	1200VAC	LESS 5 mA	47-70HZ	50A
KB40C06A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	6A	24-480VAC	1200VAC	LESS 5 mA	47-70HZ	60A

MODEL NO.	MAX OFF STATE SWAP	MAX ON STATE VOLTAGE DROP	ISOLATE IMPEDANCE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN/OUT	WEIGHT (g)	
KB40C04A	500 W _{1/2} SEC	2.0VAC	10 ⁸ ohm	2500 VACrms	LESS 2 mSec	LESS 12 AC CYCLE	LESS 15 PF	12 g
KB40C06A	500 W _{1/2} SEC	2.0VAC	10 ⁸ ohm	2500 VACrms	LESS 2 mSec	LESS 12 AC CYCLE	LESS 15 PF	12 g

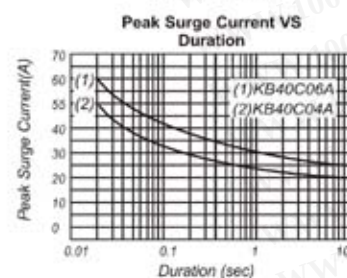
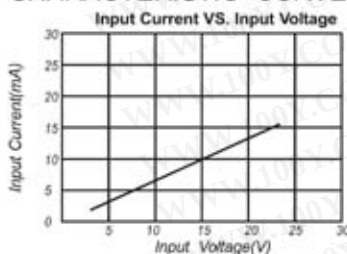
OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT

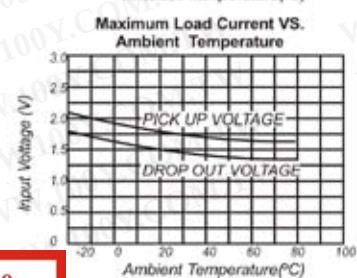
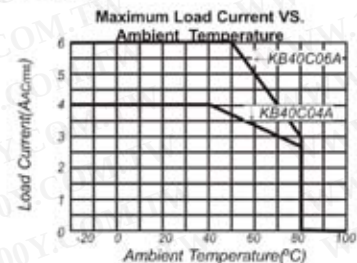


CHARACTERISTIC CURVES



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.



KYOTTO

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)