

AC SOLID STATE RELAY

IO-X-20C04A COM (+)
COM (-)

IO-X-40C04A COM (+)
COM (-)

IO SERIES



SPECIFICATIONS

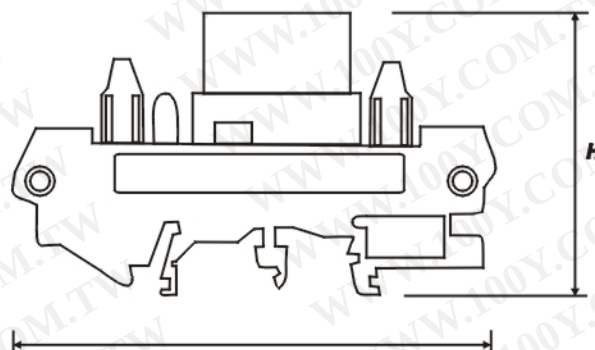
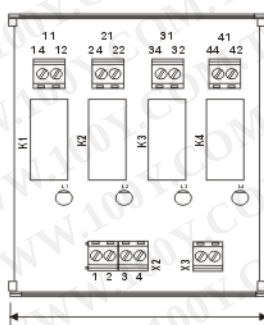
MODEL NO.	CONTROL VOLTAGE RANGE	MUST TURN OFF VOLTAGE	INPUT IMPEDANCE	MAX LOAD CURRENT	LOAD VOLTAGE RANGE	MIN BLOCKING VOLTAGE	MAX OFF-STATE LEAKAGE	FREQUENCY RANGE	MAX 1-CYCLE PEAK SURGE
IO-X-20C04A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	4A	24-280VAC	280VAC	LESS 5 mA	47-70HZ	50A
IO-X-40C04A	3 TO 32 VDC	MAX 1.0 VDC	1.5 Kohm	4A	48-480VAC	280VAC	LESS 5 mA	47-70HZ	50A

MODEL NO.	MAX OFF STATE dv/dt	MAX ON-STATE VOLTAGE DROP	ISOLATE IMPEDANCE	DIELECTRIC STRENGTH INPUT-OUTPUT	DIELECTRIC STRENGTH INPUT-OUTPUT CASE	TURN ON TIME	TURN OFF TIME	CAPACITANCE IN-OUT	WEIGHT (g)
IO-X-20C04A	100 V/μ SEC	1.5VAC	10 ⁹ ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g
IO-X-40C04A	500 V/μ SEC	1.5VAC	10 ⁹ ohm	4000 VACrms	—	LESS 2 mSec	LESS 1/2 AC CYCLE	LESS 15 PF	12 g

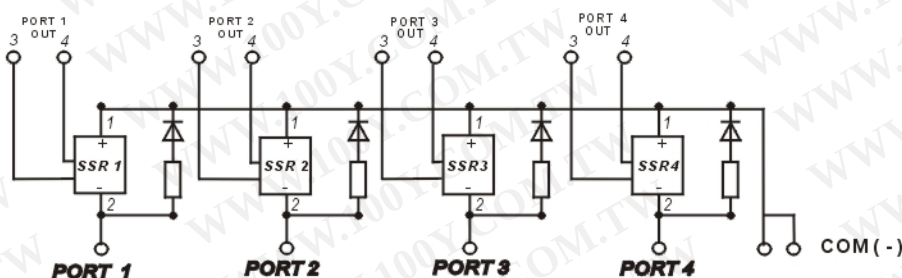
PS:X=2PORT.4PORT.8PORT

OUTLINE DIMENSIONS (unit:mm)

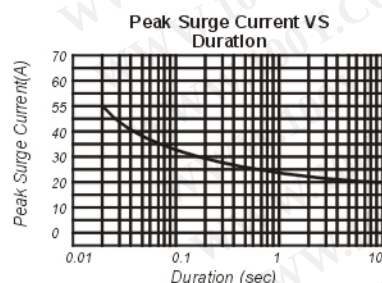
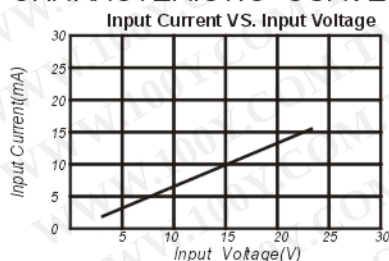
Model	Dimension (LxWxH)mm
IO-2-20C04A IO-2-40C04A	34x85x51
IO-4-20C04A IO-4-40C04A	64x85x51
IO-8-20C04A IO-8-40C04A	124x85x51



EQUIVALENT CIRCUIT

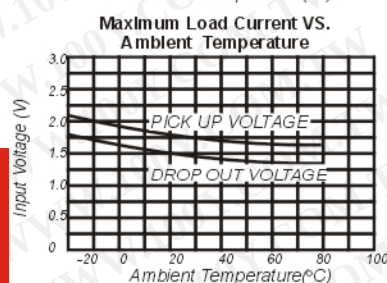
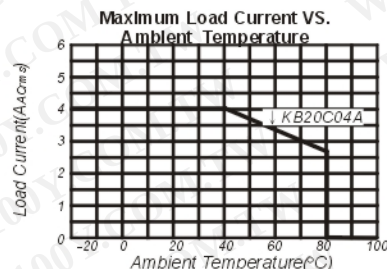


CHARACTERISTIC CURVES



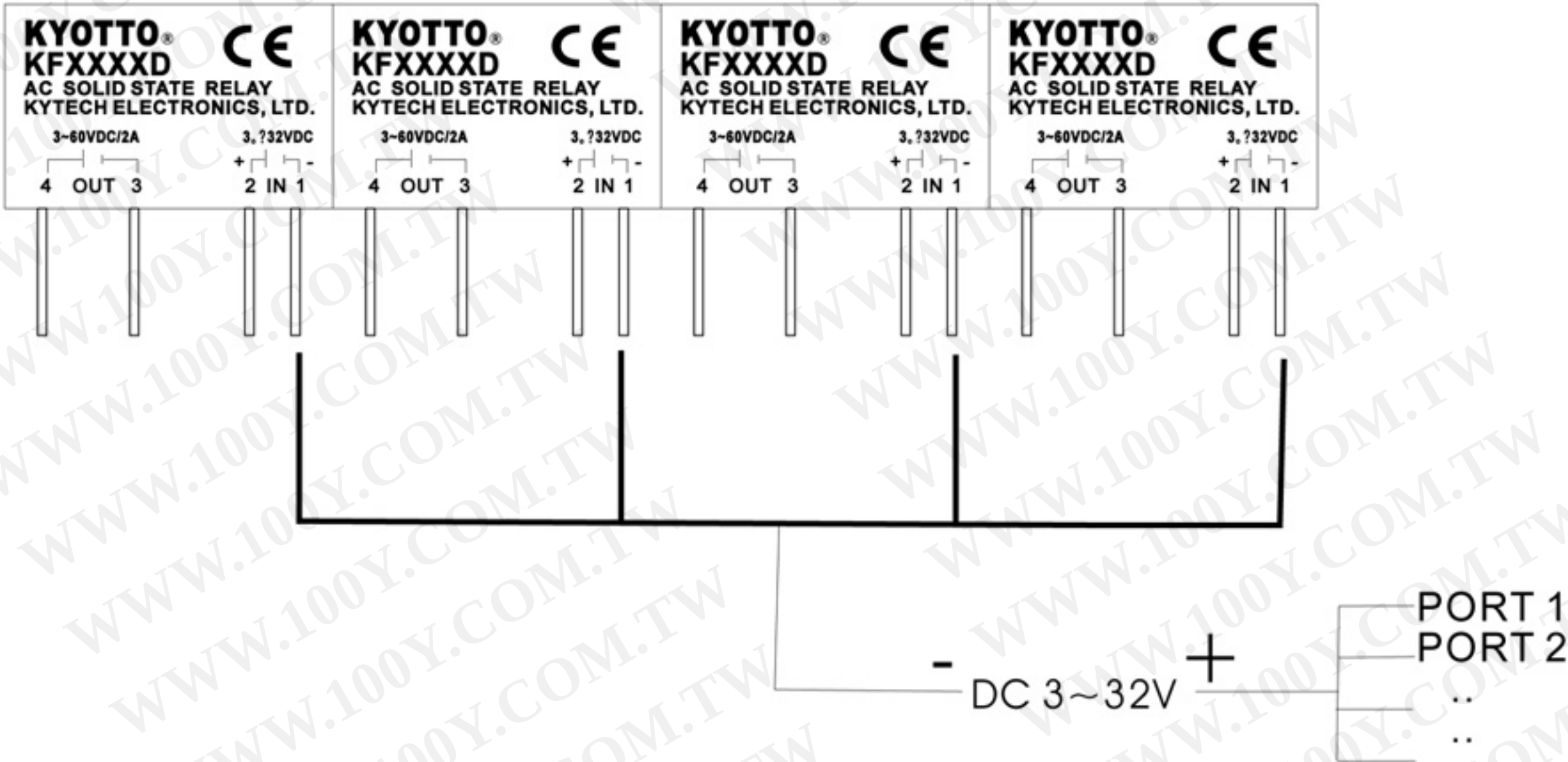
Attention:

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.



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1. IN/PUT CONTROL : COM (-)



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