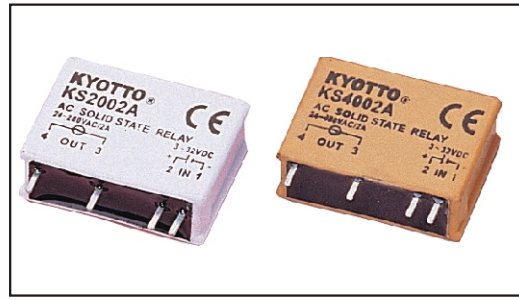


AC SOLID STATE RELAY

KS2002A
KS4002A

KS SERIES

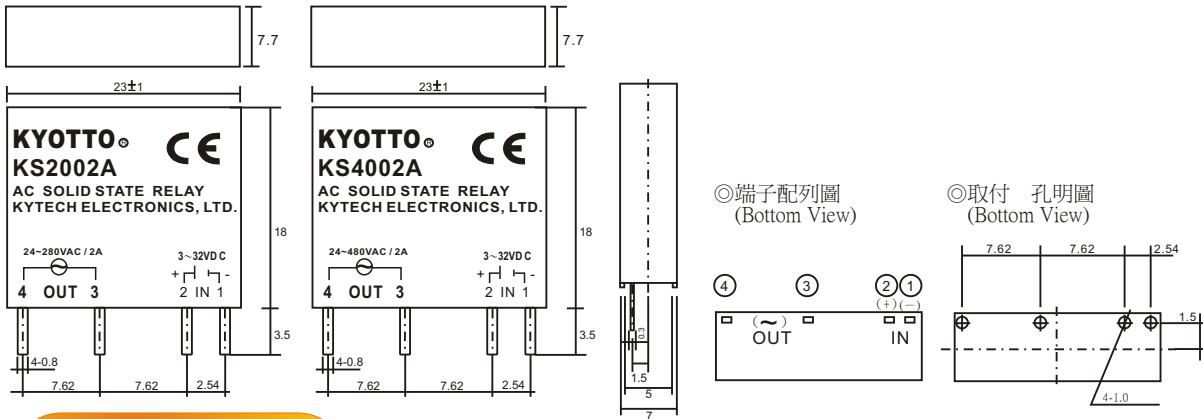


SPECIFICATIONS

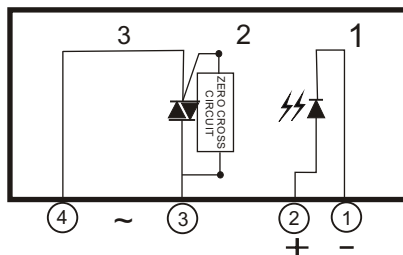
| MODEL NO. | CONTROL VOLTAGE RANGE | MUST TURN OFF VOLTAGE | INPUT IMPEDANCE | MAX LOAD CURRENT | LOAD VOLTAGE RANGE | MIN BLOCKING VOLTAGE | MAX OFF-STATE LEAKAGE | FREQUENCY RANGE | MAX 1-CYCLE PEAK SURGE |
|-----------|-----------------------|-----------------------|-----------------|------------------|--------------------|----------------------|-----------------------|-----------------|------------------------|
| KS2002A | 3 TO 32 VDC | MAX 1.0 VDC | 1.5 Kohm | 2A | 24-280VAC | 600VAC | LESS 5 mA | 47-70HZ | 20A |
| KS4002A | 3 TO 32 VDC | MAX 1.0 VDC | 1.5 Kohm | 2A | 24-480VAC | 1200VAC | LESS 5 mA | 47-70HZ | 20A |

| MODEL NO. | MAX OFF STATE dv/dt | MAX ON-STATE VOLTAGE DROP | ISOLATE IMPEDENCE | DIELECTRIC STRENGTH INPUT-OUTPUT | TURN ON TIME | TURN OFF TIME | CAPACITANCE IN-OUT | OPERATING TEMPERATURE | WEIGHT (g) |
|-----------|---------------------|---------------------------|---------------------|----------------------------------|--------------|-------------------|--------------------|-----------------------|------------|
| KS2002A | 100 V/ μ SEC | 1.5VAC | 10 ⁹ ohm | 2500 VACrms | LESS 2 mSec | LESS 1/2 AC CYCLE | LESS 15 PF | -20°C~80°C | 6g |
| KS4002A | 100 V/ μ SEC | 1.5VAC | 10 ⁹ ohm | 2500 VACrms | LESS 2 mSec | LESS 1/2 AC CYCLE | LESS 15 PF | -20°C~80°C | 6g |

OUTLINE DIMENSIONS (unit:mm)



EQUIVALENT CIRCUIT



- 1.INPUT CIRCUIT
- 2.ZERO-CROSS CIRCUIT
- 3.OUTPUT CIRCUIT

CHARACTERISTIC CURVES

