

固態繼電器 SOLID STATE RELAY

AL20C01A AL20C05A
AL20C02A AL20C06A
AL20C03A AL20C10A
AL20C04A

AL20CXXA SERIES

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>



型號索引說明 Model No. Descriptions:

AL 20 C 04 A

These two letters indicate SSR's series:

AL : Aluminum plate Type DC - DC TYPE

This letters indicate:
"A" = AC output,

負載電壓
THE OUTPUT VOLTAGE:
20 = 240VDC / 280VAC

C = Zero Cross
R = Random Type.

負載電流
THE OUTPUT CURRENT :
01 = 1A
02 = 2A
03 = 3A
04 = 4A
05 = 5A
06 = 6A
10 = 10A

產品摘錄 PRODUCT SELECTON

輸出規格 OUTPUT SPECIFICATIONS

品名	Description	AL20C05A	AL20C06A	AL20C10A
負載電壓範圍	Operating Voltage [VAC]	24-280VAC	24-280VAC	24-280VAC
最大負載電流	Maximum Load Current [Adc]	5A	6A	10A
破壞電壓	Maximum Transient Overvoltage [Vpk]	600	600	600
洩漏電流	Maximum Off-State Leakage Current @Rated Voltage [mA]	Less 3mA	Less 3mA	Less 3mA
最大瞬間承受電流	Maximum Surge Current [Adc] (10ms)	50A	60A	100A
動作壓降	Maximum On-State Voltage Drop @ Rated Current [VACrms]	1.5	1.5	1.5
瞬間電壓變化率	Maximum Off-State dV/dt [V/uSEC]	200	200	200

輸入規格 INPUT SPECIFICATIONS

品名	Description	AL20C05A	AL20C06A	AL20C10A
控制電壓範圍	Control Voltage Range	3-32VDC	3-32VDC	3-32VDC
最小導通電壓	Must Turn-on Voltage	3.0	3.0	3.0
最小關斷電壓	Must Turn-off Voltage	1.0	1.0	1.0
輸入電流	Typical Input Current	15mA	15mA	15mA
最大動作時間	Maximum Turn-on Time [mSec]	Less 2m Sec	Less 2m Sec	Less 2m Sec
最大關斷時間	Maximum Turn-off Time [mSec]	Less 1/2AC cycle	Less 1/2AC cycle	Less 1/2AC cycle

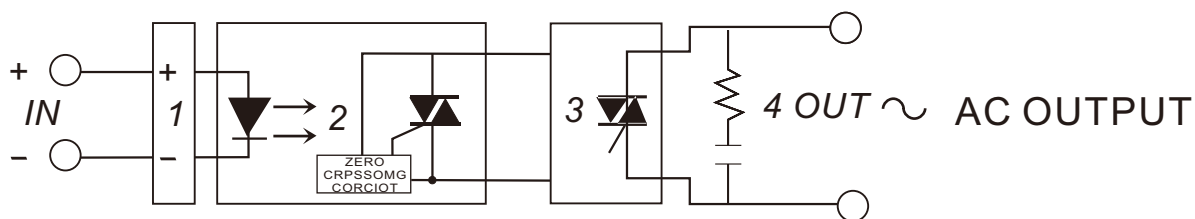
一般規格 GENERAL SPECIFICATIONS

品名	Description	AL20C05A	AL20C06A	AL20C10A
輸入/輸出至外殼絕緣電壓	Dielectric Strength , Input-Output Base (50/60Hz)	-	-	-
輸入/輸出絕緣電壓	Dielectric Strength , Input-Output (50/60Hz)	2500	2500	2500
絕緣電阻	Minimum Insulation Resistance	10 ⁹ ohm	10 ⁹ ohm	10 ⁹ ohm
輸入-輸出容抗	Maximum Capacitance , Input-Output	Less 15pf	Less 15pf	Less 15pf
工作溫度範圍	Ambient Operating Temperature Range	-20°C~+80°C	-20°C~+80°C	-20°C~+80°C
儲存溫度範圍	Ambient Storage Temperature Range	-40°C~+100°C	-40°C~+100°C	-40°C~+100°C
觸發方式	Switch ing Type	Zero Cross	Zero Cross	Zero Cross
重量	Weight (g)	12g	12g	12g

GENERAL NOTES

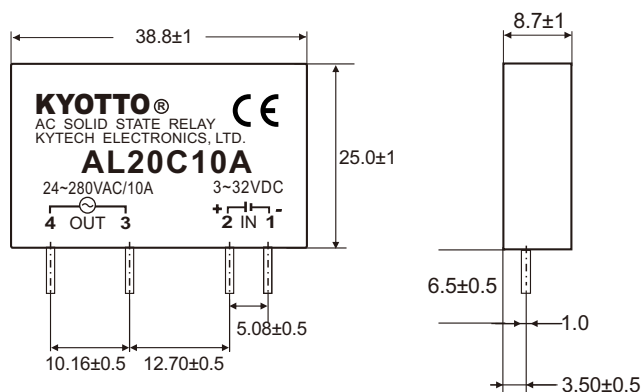
- (1) All parameters at 25°C unless otherwise specified
- (2) Dielectric strength and insulation resistance are measured between input and output
- (3) Heat sinking require ,for derating curves see next page.

等效電路圖 EQUIVALENT CIRCUIT

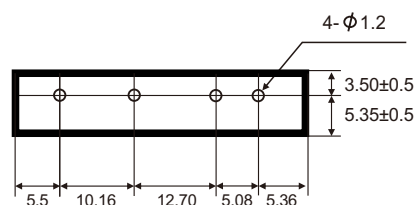


- 1.INPUT CIRCUIT
- 2.ZERO-CROSS CIRCUIT
- 3.OUTPUT CIRCUIT
- 4.PROTECTED CIRCUIT

外觀尺寸圖 MECHANICAL DIMENSIONS (Unit:mm)



◎仰視圖(Bottom View)



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特性曲線圖 CHARACTERISTIC CURVES

