

固態繼電器

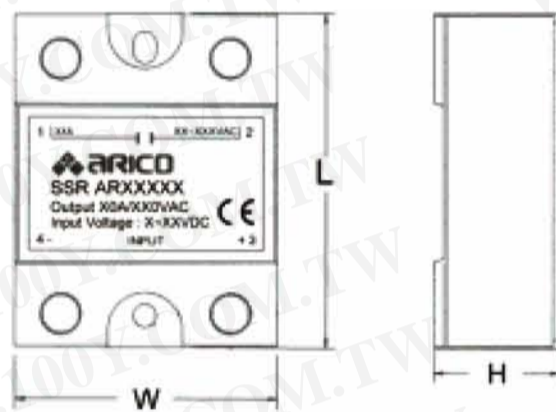
Solid State Relay

DC-AC-220 / 380V Series



尺寸Dimension

L-W-H (mm)



特色

1. 固態光耦合電路設計，輸出入端絕緣強度可達2500 VAC
2. 有10 ~ 75安培等規格
3. 以積體電路控制
4. 內設衝擊電流保護迴路
5. LED顯示運轉狀況
6. 適合長時間使用和高可靠性

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Features

1. All solid state, optically coupled for 2500 VAC isolation between input and output circuit
2. Load current of 10 ~ 75A
3. Able to be driven by IC such as TTL & CMOS
4. Internally mounted snobbier circuit protection for huge current application
5. A LED can indicate the operating of devices
6. Long services life and high reliability

型號 Model	ARD 2410	ARD 2425	ARD 2440	ARD 2450	ARD 2475
尺寸 / 重量 Dimension / Weight (approx.) L × W × H 單位 Unit : mm	56.5 × 44 × 26.2 / 100 g			59.8 × 45 × 30 / 110 g	
反應時間 Response time	1 / 2 cycle + 1 m Sec				
輸入出絕緣阻抗 IN to OUT dielectric strength	> 100M Ω				
輸入出絕緣電壓 IN to OUT isolation voltage	2500 Vrms				
輸出入端對鋁片絕緣電壓 Input / output to baseplate isolation voltage	2500 Vrms				
操作溫度 Operating temperature	-20 ~ 80 °C				
儲存溫度 Storage temperature	-40 ~ 100 °C				
輸入規格 Input Specification					
控制電壓範圍 Control voltage range	4 ~ 32 Vdc				
最大電流 Maximum current (at Vmax)	15 mA				
最小觸發電壓 Minimum pickup voltage	4 Vdc				
最小復歸電壓 Minimum dropout voltage	2 Vdc			3 Vdc	
輸出規格 Output Specification					
電壓範圍 Voltage range	70 ~ 380 Vrms				
峰值電壓 Peak voltage (t = 1 min)	600 Vdc				
最大電流 Maximum current	10A	25A	40A	50A	75A
單周最大承受電流 Maximum 1 - cycle surge (50 Hz)	100A	210A	250A	300A	630A
OFF狀態洩漏電流 Maximum off-state leakage	8 mA rms				
ON狀態飽和壓降 (T = 25 °C) Maximum on-state voltage drop	1.6 Vdc				
熱阻抗 Thermal resistance	3.1	1.5	1.3	0.9	0.75

固態繼電器

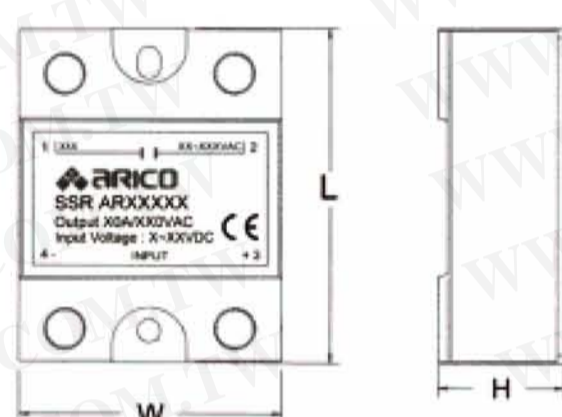
Solid State Relay

DC-AC-480V Series



尺寸Dimension

L-W-H (mm)



特色

1. 固態光耦合電路設計，輸出入端絕緣強度可達2500 VAC
2. 有25 ~ 75安培等規格
3. 以積體電路控制
4. 內設衝擊電流保護迴路
5. LED顯示運轉狀況
6. 適合長時間使用和高可靠性

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Features

1. All solid state, optically coupled for 2500 VAC isolation between input and output circuit
2. Load current of 25 ~ 75A
3. Able to be driven by IC such as TTL & CMOS
4. Internally mounted snobbier circuit protection for huge current application
5. A LED can indicate the operating of devices
6. Long services life and high reliability

型號 Model	ARD 4825	ARD 4840	ARD 4850	ARD 4875
尺寸 / 重量 Dimension / Weight (approx.) L × W × H 單位 Unit : mm	56.5 × 44 × 26.2 / 100 g		59.8 × 45 × 30 / 110 g	
反應時間 Response time	1 / 2 cycle + 1 m Sec			
輸入出絕緣阻抗 IN to OUT dielectric strength	> 100M Ω			
輸入出絕緣電壓 IN to OUT isolation voltage	2500 Vrms			
輸出入端對鋁片絕緣電壓 Input / output to baseplate isolation voltage	2500 Vrms			
操作溫度 Operating temperature	-20 ~ 80 °C			
儲存溫度 Storage temperature	-40 ~ 100 °C			
輸入規格 Input Specification				
控制電壓範圍 Control voltage range	4 ~ 32 Vdc			
最大電流 Maximum current (at Vmax)	15 mA			
最小觸發電壓 Minimum pickup voltage	4 Vdc			
最小複歸電壓 Minimum dropout voltage	2.5 Vdc			3 Vdc
輸出規格 Output Specification				
電壓範圍 Voltage range	70 ~ 480 Vrms			
峰值電壓 Peak voltage (t = 1 min)	1200 Vdc			
最大電流 Maximum current	25A	40A	50A	75A
單周最大承受電流 Maximum 1 - cycle surge (50 Hz)	210A	290A	600A	630A
OFF狀態洩漏電流 Maximum off-state leakage	16 mA rms			
ON狀態飽和壓降 (T = 25 °C) Maximum on-state voltage drop	1.6 Vdc			
熱阻抗 Thermal resistance	1.5	1.3	0.9	0.75