

SSRs Technical Information

SSR Description and Circuit Configurations

Phototriac coupler

Load	Isolation type	Zero-crossing function	Model	Circuit configuration	I/O wave form (for resistive load)
AC	Phototriac	Yes	APT		
		Non	APT		

SSR

Load	Isolation type	Zero-crossing function	Model	Circuit configuration	I/O wave form (for resistive load)
AC	Phototransistor	Yes	AQ1 AQ-F		
		Yes	Phototriac	AQ8 AQ-B AQ-R AQ-C AQ-E AQ-G AQ-N	
	AQ-K				
	AQ-H				
	Non		AQ8 AQ-B AQ-C AQ-G		
			AQ-H		
			AQ-H		

SSR (continued)

Load	Isolation type	Zero-crossing function	Model	Circuit configuration	I/O wave form (for resistive load)
DC	Photodiode	—	AQ-E		
	Phototransistor	—	AQ1 AQ-F AQ-C		
DC logic output	Phototransistor	—	AQ-C (IAC)		
		—	AQ-C (IDC)		

I/O relays

Load	Isolation type	Zero-crossing function	Model	Circuit configuration	I/O wave form (for resistive load)
AC	Phototransistor	Yes	OAC		
DC	Phototransistor	—	ODC		
DC logic output	Phototransistor	—	IAC		
	Phototransistor	—	IDC		