

## RELAYS

Part Number	Input Voltages						Configuration						Mounting				Special Features		
	DC Polarized	Host 12-27.3VDC	9-40VDC	12VDC	20-32VDC	24VDC	24VAC	120VAC	240VAC	Energized LED	Positions SPDT	Positions DPDT	Positions Dual SPDT	Contact Rating (Amps)	Contact Power Factor	Contact Horsepower		Mounting*	Encapsulated

### PAM Series Relays

PAM-1	◆					◆	◆	◆	◆	1			10	0.35			◆		◆	
PAM-2	◆			◆		◆			◆	1			7	0.35			◆		◆	
PAM-3†	◆		◆							‡			3	0.35			◆		◆	
PAM-4	◆		◆							1			10	0.35			◆		◆	
PAM-SD	◆			◆						1			7	0.35			◆		◆	

† May also be listed as A77-716B

‡ SP, Form "A", Normally Open

Encapsulated with Flying Leads; Multi-Purpose



### RIC Series Relays

RIC-1					◆	◆	◆		◆	1			10					◆	◆	
RIC-2					◆	◆	◆		◆		1		10					◆	◆	
RIC-3*					◆	◆				1			10					◆	◆	
RIC-4*	◆				◆	◆				1			10					◆	◆	

\*RIC-3 and RIC-4 have 2-3 second delay on control voltage drop-out or interruption

Spud Mount with Flying Leads; Multi-Purpose



### MR-RIC Series Relays

MR-RIC-301/C										1			10					G		
MR-RIC-301/C/R					◆	◆				1			10					R		
MR-RIC-301/T					◆	◆				1			10					T		
MR-RIC-305/C					◆	◆				5			10					G		
MR-RIC-305/C/R					◆	◆				5			10					R		
MR-RIC-305/T					◆	◆				5			10					T		
MR-RIC-401/C	◆				◆	◆				1			10					G		
MR-RIC-401/C/R	◆				◆	◆				1			10					R		
MR-RIC-401/T	◆				◆	◆				1			10					T		
MR-RIC-405/C	◆				◆	◆				5			10					G		
MR-RIC-405/C/R	◆				◆	◆				5			10					R		
MR-RIC-405/T	◆				◆	◆				5			10					T		

Delay on Control Voltage Drop-Out or Interruption



### MR-100 Series Relays

MR-101/C	◆			◆	◆	◆	◆	◆	◆	1			10	0.16	G					
MR-101/C/R	◆			◆	◆	◆	◆	◆	◆	1			10	0.16	R					
MR-101/T	◆			◆	◆	◆	◆	◆	◆	1			10	0.16	T					
MR-104/C	◆			◆	◆	◆	◆	◆	◆	4			10	0.16	G					
MR-104/C/R	◆			◆	◆	◆	◆	◆	◆	4			10	0.16	R					
MR-104/T	◆			◆	◆	◆	◆	◆	◆	4			10	0.16	T					

SPDT Multi-Voltage Multi-Purpose



### MR-110 Series Relays

MR-111/C	◆			◆					◆	1			20	0.75	G					
MR-111/C/R	◆			◆					◆	1			20	0.75	R					
MR-111/T	◆			◆					◆	1			20	0.75	T					
MR-114/T	◆			◆					◆	4			20	0.75	T					

20A Fused Contacts



### MR-199 Series Relays

MR-199X-13				◆						1			30							
MR-199X-13/C				◆						1			30		2	G				
MR-199X-13/C/R				◆						1			30		2	R				
MR-199X-14							◆			1			30		2					
MR-199X-14/C							◆			1			30		2	G				
MR-199X-14/C/R							◆			1			30		2	R				

30A Heavy Duty Power



\*Mounting Codes: G = Grey Enclosure; R = Red Enclosure; S = Spacer Mounted; T = Track Mounted

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Part Number	Input Voltages							Configuration				Mounting			Special Features					
	DC Polarized	Host 12-27.3VDC; Trip 5-27.3VDC	9-40VDC	12VDC	20-32VDC	24VDC	24VAC	120VAC	240VAC	Energized LED	Positions SPDT	Positions DPDT	Positions Dual SPDT	Contact Rating (Amps)		Contact Power Factor	Contact Horsepower	Mounting*	Encapsulated	Spud Mount
<b>MR-200 Series Relays</b>																				
MR-201/C	◆				◆	◆	◆	◆	◆		1		10		0.16		G			
MR-201/C/R	◆				◆	◆	◆	◆	◆		1		10		0.16		R			
MR-201/T	◆				◆	◆	◆	◆	◆		1		10		0.16		T			
MR-204/C	◆				◆	◆	◆	◆	◆		4		10		0.16		G			
MR-204/C/R	◆				◆	◆	◆	◆	◆		4		10		0.16		R			
MR-204/T	◆				◆	◆	◆	◆	◆		4		10		0.16		T			
<b>MR-310 Series Relays</b>																				
MR-311/C	◆	◆							◆	1		10	0.35				G			
MR-311/C/R	◆	◆							◆	1		10	0.35				R			
MR-311/S	◆	◆							◆	1		10	0.35				S			
MR-311/T	◆	◆							◆	1		10	0.35				T			
MR-312/C	◆	◆							◆	2		10	0.35				G			
MR-312/C/R	◆	◆							◆	2		10	0.35				R			
MR-312/S	◆	◆							◆	2		10	0.35				S			
MR-312/T	◆	◆							◆	2		10	0.35				T			
MR-313/C	◆	◆							◆	3		10	0.35				G			
MR-313/C/R	◆	◆							◆	3		10	0.35				R			
MR-313/S	◆	◆							◆	3		10	0.35				S			
MR-313/T	◆	◆							◆	3		10	0.35				T			
<b>MR-320 Series Relays</b>																				
MR-321/C	◆	◆							◆	1		10	0.35				G			
MR-321/C/R	◆	◆							◆	1		10	0.35				R			
MR-321/S	◆	◆							◆	1		10	0.35				S			
MR-321/T	◆	◆							◆	1		10	0.35				T			
MR-322/C	◆	◆							◆	2		10	0.35				G			
MR-322/C/R	◆	◆							◆	2		10	0.35				R			
MR-322/S	◆	◆							◆	2		10	0.35				S			
MR-322/T	◆	◆							◆	2		10	0.35				T			
MR-323/C	◆	◆							◆	3		10	0.35				G			
MR-323/C/R	◆	◆							◆	3		10	0.35				R			
MR-323/S	◆	◆							◆	3		10	0.35				S			
MR-323/T	◆	◆							◆	3		10	0.35				T			
<b>MR-400 Series Relays</b>																				
MR-401/C					◆	◆	◆		◆	1		10					G			
MR-401/C/R					◆	◆	◆		◆	1		10					R			
MR-401/T					◆	◆	◆		◆	1		10					T			
MR-404/C					◆	◆	◆		◆	4		10					G			
MR-404/C/R					◆	◆	◆		◆	4		10					R			
MR-404/T					◆	◆	◆		◆	4		10					T			

**DPDT  
Multi-Voltage  
Multi-Purpose**



**SPDT  
Low-Voltage Low-  
Current Opto-  
Isolated**



**DPDT  
Low-Voltage Low-  
Current Opto-  
Isolated**



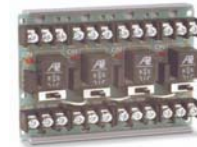
**Manual Test  
Multi-Voltage**



\*Mounting Codes: G = Grey Enclosure; R = Red Enclosure; S = Spacer Mounted; T = Track Mounted

## RELAYS

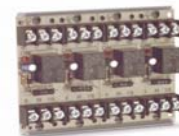
Part Number	Input Voltages						Configuration					Mounting			Special Features					
	DC Polarized	Host 12-27.3VDC; Trip 5-27.3VDC	9-40VDC	12VDC	20-32VDC	24VDC	24VAC	120VAC	240VAC	Energized LED	Positions SPDT	Positions DPDT	Positions Dual SPDT	Contact Rating (Amps)		Contact Power Factor	Contact Horsepower	Mounting*	Encapsulated	Spud Mount
<b>MR-600 Series Relays</b>																				
MR-601/C					◆	◆			◆	1			10			G				
MR-601/C/R					◆	◆			◆	1			10			R				
MR-601/S					◆	◆			◆	1			10			S				
MR-601/T					◆	◆			◆	1			10			T				
MR-602/C					◆	◆			◆	2			10			G				
MR-602/C/R					◆	◆			◆	2			10			R				
MR-602/S					◆	◆			◆	2			10			S				
MR-602/T					◆	◆			◆	2			10			T				
MR-604/C					◆	◆			◆	4			10			G				
MR-604/C/R					◆	◆			◆	4			10			R				
MR-604/S					◆	◆			◆	4			10			S				
MR-604/T					◆	◆			◆	4			10			T				
MR-608/C					◆	◆			◆	8			10			G				
MR-608/C/R					◆	◆			◆	8			10			R				
MR-608/S					◆	◆			◆	8			10			S				
MR-608/T					◆	◆			◆	8			10			T				
<b>MR-700 Series Relays</b>																				
MR-701/C			◆	◆					◆	1			10			G				
MR-701/C/R			◆	◆					◆	1			10			R				
MR-701/S			◆	◆					◆	1			10			S				
MR-701/T			◆	◆					◆	1			10			T				
MR-702/C			◆	◆					◆	2			10			G				
MR-702/C/R			◆	◆					◆	2			10			R				
MR-702/S			◆	◆					◆	2			10			S				
MR-702/T			◆	◆					◆	2			10			T				
MR-704/C			◆	◆					◆	4			10			G				
MR-704/C/R			◆	◆					◆	4			10			R				
MR-704/S			◆	◆					◆	4			10			S				
MR-704/T			◆	◆					◆	4			10			T				
MR-708/C			◆	◆					◆	8			10			G				
MR-708/C/R			◆	◆					◆	8			10			R				
MR-708/S			◆	◆					◆	8			10			S				
MR-708/T			◆	◆					◆	8			10			T				
<b>MR-800 Series Relays</b>																				
MR-801/C				◆	◆	◆			◆	1			10	0.33		G				
MR-801/C/R				◆	◆	◆			◆	1			10	0.33		R				
MR-801/S				◆	◆	◆			◆	1			10	0.33		S				
MR-801/T				◆	◆	◆			◆	1			10	0.33		T				
MR-802/C				◆	◆	◆			◆	2			10	0.33		G				
MR-802/C/R				◆	◆	◆			◆	2			10	0.33		R				
MR-802/S				◆	◆	◆			◆	2			10	0.33		S				
MR-802/T				◆	◆	◆			◆	2			10	0.33		T				
MR-804/C				◆	◆	◆			◆	4			10	0.33		G				
MR-804/C/R				◆	◆	◆			◆	4			10	0.33		R				
MR-804/S				◆	◆	◆			◆	4			10	0.33		S				
MR-804/T				◆	◆	◆			◆	4			10	0.33		T				
MR-808/C				◆	◆	◆			◆	8			10	0.33		G				
MR-808/C/R				◆	◆	◆			◆	8			10	0.33		R				
MR-808/S				◆	◆	◆			◆	8			10	0.33		S				
MR-808/T				◆	◆	◆			◆	8			10	0.33		T				



Manual Override (On-Auto-Off)



12VDC / 24VDC Multi-Purpose



Multi-Voltage Multi-Purpose

\*Mounting Codes: G = Grey Enclosure; R = Red Enclosure; S = Spacer Mounted; T = Track Mounted

## RELAYS

Part Number	Input Voltages							Configuration					Mounting				Special Features		
	DC Polarized	Host 12-27.3VDC; Trip 5-27.3VDC	9-40VDC	12VDC	20-32VDC	24VDC	24VAC	120VAC	240VAC	Energized LED	Positions SPDT	Positions DPDT	Positions Dual SPDT	Contact Rating (Amps)	Contact Power Factor	Contact Horsepower		Mounting*	Encapsulated

### MR-810 Series Relays

MR-811/C	◆				◆	◆			◆	1			10			G			
MR-811/C/R	◆				◆	◆			◆	1			10			R			
MR-811/S	◆				◆	◆			◆	1			10			S			
MR-811/T	◆				◆	◆			◆	1			10			T			
MR-812/C	◆				◆	◆			◆	2			10			G			
MR-812/C/R	◆				◆	◆			◆	2			10			R			
MR-812/S	◆				◆	◆			◆	2			10			S			
MR-812/T	◆				◆	◆			◆	2			10			T			
MR-814/C	◆				◆	◆			◆	4			10			G			
MR-814/C/R	◆				◆	◆			◆	4			10			R			
MR-814/S	◆				◆	◆			◆	4			10			S			
MR-814/T	◆				◆	◆			◆	4			10			T			
MR-818/C	◆				◆	◆			◆	8			10			G			
MR-818/C/R	◆				◆	◆			◆	8			10			R			
MR-818/S	◆				◆	◆			◆	8			10			S			
MR-818/T	◆				◆	◆			◆	8			10			T			

10A Fused Contacts



### MR-820 Series Relays

MR-821/C	◆				◆				◆			1	2	0.40		G			
MR-821/C/R	◆				◆				◆			1	2	0.40		R			
MR-821/S	◆				◆				◆			1	2	0.40		S			
MR-821/T	◆				◆				◆			1	2	0.40		T			
MR-822/C	◆				◆				◆			2	2	0.40		G			
MR-822/C/R	◆				◆				◆			2	2	0.40		R			
MR-822/S	◆				◆				◆			2	2	0.40		S			
MR-822/T	◆				◆				◆			2	2	0.40		T			
MR-824/C	◆				◆				◆			4	2	0.40		G			
MR-824/C/R	◆				◆				◆			4	2	0.40		R			
MR-824/S	◆				◆				◆			4	2	0.40		S			
MR-824/T	◆				◆				◆			4	2	0.40		T			
MR-828/C	◆				◆				◆			8	2	0.40		G			
MR-828/C/R	◆				◆				◆			8	2	0.40		R			
MR-828/S	◆				◆				◆			8	2	0.40		S			
MR-828/T	◆				◆				◆			8	2	0.40		T			

Dual DPDT Compact Form



### MR-900 Series Relays

MR-901/C	◆				◆	◆			◆			1		10		G			
MR-901/C/R	◆				◆	◆			◆			1		10		R			
MR-901/T	◆				◆	◆			◆			1		10		T			
MR-904/C	◆				◆	◆			◆			4		10		G			
MR-904/C/R	◆				◆	◆			◆			4		10		R			
MR-904/T	◆				◆	◆			◆			4		10		T			

Latching with Manual or Electric Reset



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