

## SIRIUS 3R Contactor Mountable Timing Relays

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The contactor mountable timing relays are functionally similar to stand alone timing relays, but are designed to mount to the front of 3RT10 contactors to take up less mounting space in a panel. They do not necessarily need to be used to control the contactor on which they are mounted.

The timing relays, which are available in ON-delay and OFF-delay versions, allow time-delayed functions up to 100s in 3 distinct time ranges.

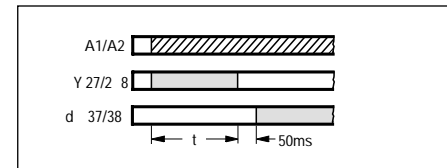
#### Contactor mountable timing relays

The timing relay with the wye-delta function is equipped with one delayed and one undelayed NO contact, with a time interval of 50 ms between the two (see diagram). The delay time of the NO contact can be set between 1.5 s and 30 s. The contactor on which the timing relay is mounted operates without a delay.



For 3RT101 contactors, the timing relay is plugged into the front of the contactor. The timing relay is powered by a direct plug-in parallel connection to the coil terminals A1/A2.

For 3RT102, 3RT103, and 3RT104 contactors, the timing relay is mounted to

#### Wye-delta function



the front of the contactor. The timing relay must have power supplied to its two terminals (A1/A2) for operation. The timing function is activated either by a parallel connection with any contactor coil or by any other power source. The OFF-delay version does not require an external power source for operation.

Illustration	Auxiliary Contacts	Rated Voltage $U_s$	Time Setting Range in Seconds	Catalog No	Price \$	
	<b>For 3RT101 contactors</b>					
	ON-delay, built-in varistor					
	1 NO + 1 NC timed	24V AC/DC		0.05-1	3RT1916-2EJ11	95.
				0.5-10	3RT1916-2EJ21	
				5-100	3RT1916-2EJ31	
		100-127V AC		0.05-1	3RT1916-2EC11	
				0.5-10	3RT1916-2EC21	
				5-100	3RT1916-2EC31	
		200-240V AC		0.05-1	3RT1916-2ED11	
				0.5-10	3RT1916-2ED21	
				5-100	3RT1916-2ED31	
	OFF-delay, built-in varistor, does not require auxiliary voltage supply					
	1 NO + 1 NC timed	24V AC/DC		0.05-1	3RT1916-2FJ11	100.
				0.5-10	3RT1916-2FJ21	
				5-100	3RT1916-2FJ31	
100-127V AC/DC			0.05-1	3RT1916-2FK11		
			0.5-10	3RT1916-2FK21		
			5-100	3RT1916-2FK31		
200-240V AC/DC			0.05-1	3RT1916-2FL11		
			0.5-10	3RT1916-2FL21		
			5-100	3RT1916-2FL31		
Wye-delta version, built-in varistor						
1 NO timed and 1 NO instantaneous, time interval 50 ms	24V AC/DC		1.5-30	3RT1916-2GJ51	98.	
			100-127V AC	1.5-30		3RT1916-2GC51
			200-240V AC	1.5-30		3RT1916-2GD51
	<b>For 3RT102, 3RT103, and 3RT104 contactors</b>					
	ON-delay					
	1 NO + 1 NC timed	24V AC/DC		0.05-1	3RT1926-2EJ11	95.
				0.5-10	3RT1926-2EJ21	
				5-100	3RT1926-2EJ31	
		100-127V AC		0.05-1	3RT1926-2EC11	
				0.5-10	3RT1926-2EC21	
				5-100	3RT1926-2EC31	
		200-240V AC		0.05-1	3RT1926-2ED11	
				0.5-10	3RT1926-2ED21	
				5-100	3RT1926-2ED31	
	OFF-delay, does not require auxiliary voltage supply					
	1 NO + 1 NC timed	24V AC/DC		0.05-1	3RT1926-2FJ11	100.
				0.5-10	3RT1926-2FJ21	
				5-100	3RT1926-2FJ31	
100-127V AC/DC			0.05-1	3RT1926-2FK11		
			0.5-10	3RT1926-2FK21		
			5-100	3RT1926-2FK31		
200-240V AC/DC			0.05-1	3RT1926-2FL11		
			0.5-10	3RT1926-2FL21		
			5-100	3RT1926-2FL31		
Wye-delta version						
1 NO timed and 1 NO instantaneous, time interval 50 ms	24V AC/DC		1.5-30	3RT1926-2GJ51	98.	
			100-127V AC	1.5-30		3RT1926-2GC51
			200-240V AC	1.5-30		3RT1926-2GD51