

# Thermal Relay



**3UA-50**



**3UA-52**



**3UA-58**

## 3UA Thermal Relay

### 1. Applications of 3UA Thermal Relay:

Model 3UA thermal relay is suitable for use in power systems with AC 50Hz, rated operation voltage up to 660V and 1000V, in main circuit, current from 0.1A to 630A. It is used to protect AC three-phase asynchronous motors against overload and open-phase. The relays have a reset push-button for breaking NC contacts and an operating indication and free trip characteristics. The products can also be supplied with a protecting case to ensure safety. The products can be plugged into the contactor and installed independently or mounted on a rail.

### 2. Specifications of 3UA Thermal Relay:

Type	Rated operating current(A)	Rated insulation voltage (V)	Current setting range (A)	
3UA50	12.5	660	0.1-0.16	0.16-0.25
			0.25-0.4	0.32-0.63

			0.63-0.1	0.8-1.25
			1-1.6	1.25-2
			1.6-2.5	2-3.2
			2.5-4	3.2-5
			4-6.3	5-8
			6.3-10	8-12.5
3UA52	25	660	0.1-0.16	0.16-0.25
			0.25-0.4	0.4-0.63
			1.63-1	0.8-1.25
			1-1.6	1.25-2
			1.6-2.5	2-3.2
			2.5-4	3.2-5
			4-6.3	5.8
			6.3-10	8-12.5
			10-16	12.5-20
			16-25	
3UA54	32	660	4-6.3	6.3-10
			10-16	12.5-20
			16-25	20-32
3UA58	80	1000	16-25	20-32
			25-40	32-50
			40-57	50-63
			57-70	63-80
3UA59	63	660	0.1-1.6	0.16-0.25
			0.25-0.4	0.4-0.63
			1.63-1	0.8-1.25
			1-1.6	1.25-2
			11.6-2.5	2-3.2
			2.5-4	3.2-5
			4-6.3	5-8
			6.3-10	8-12.5
			10-16	12.5-20
			16-25	20-32
			25-40	32-45
			40-57	50-63

3UA62	180		55-80	63-90
			80-110	90-120
			110-135	120-150
			135-160	150-180
3UA66	400	1000	80-125	125-200
			180-250	200-320
			250-400	
3UA68	630	1000	320-500	400-630