





MachineAlert™ Dedicated Function Motor Protection Relays

Product Selection

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Motor Protection Relay Type	Description	Cat. No.
 Bulletin 809S Current Monitoring Relays	1...10 A AC/DC (1-phase); 24/48V AC/DC control power	809S-C1-10A-48
	1...10 A AC/DC (1-phase); 115/230V AC control power	809S-C1-10A-230
 Bulletin 813S Voltage Monitoring Relays	Single-phase voltage monitoring relay, 2...500V AC/DC; 24/48V AC/DC control power	813S-V1-500V-48
	Single-phase voltage monitoring relay, 2...500V AC/DC; 115/230V AC control power	813S-V1-500V-230
	Three-phase voltage monitoring relay, 110...115V AC	813S-V3-110V
	Three-phase voltage monitoring relay, 208...240V AC	813S-V3-230V
	Three-phase voltage monitoring relay, 380...415V AC	813S-V3-400V
	Three-phase voltage monitoring relay, 440...480V AC	813S-V3-480V
 Bulletin 814S Power Monitoring Relays	Three-phase power (kW) monitoring relay, 380...480V AC & 1...10 A AC	814S-W3-480V-10A
	Three-phase power (kW) monitoring relay, 600...690V AC & 1...10 A AC	814S-W3-690V-10A
	Three-phase power factor monitoring relay, 380...480V AC & 1...10 A AC	814S-PF3-480V-10A
	Three-phase power factor monitoring relay, 600...690V AC & 1...10 A AC	814S-PF3-690V-10A
 Bulletin 817 Thermistor Monitoring Relay	Thermistor monitoring relay, 24/48V AC/DC control power	817S-PTC-48
	Thermistor monitoring relay, 115V AC control power	817S-PTC-115
	Thermistor monitoring relay, 230V AC control power	817S-PTC-230

Current Transformers

Use only with **Cat No. 809S-C1**.

Trip Current Range Continuous AC Amperes (5 A Secondary Winding)	Maximum Current [A]		Cat. No.
	Continuous	Inrush	
4.2...50	75	350	809S-CT1
17...200	300	1400	809S-CT2
42...500	750	3500	809S-CT3
100...1200	1800	8400	809S-CT4