

MONITORING RELAYS

- *Three-Phase*
- *Voltage*
- *Current*
- *Level Control*



Selection Guide - Monitoring Relays

Crouzet's Monitoring Relays

In industrial and commercial installations, every device should be monitored by a Crouzet Monitoring Relay to optimize continuity of service. The control relay enables the operator to initiate maintenance operations or corrective actions to avoid expensive production shutdowns.

MONITORING RELAYS

Type	Function	Measuring Range	Output		
 Three-Phase	Voltage (over and under voltage)	194-528 VAC	2 x 6 A (Changeover)		
		183-528 VAC	1 x 8 A (Changeover)		
	Voltage Phase failure Detection	96-332 VAC	2 x 5 A (Changeover)		
	Phase sequence Phase failure detection	183-528 VAC	1 x 8 A (Changeover)		
			2 x 6 A (Changeover)		
	Phase sequence and failure detection Undervoltage		1 x 8 A (Changeover)		
	Phase sequence and failure detection Asymmetry				
		194-528 VAC			
 Voltage	Over and Undervoltage Selectable latching memory	9-15 VDC	1 x 5 A (Changeover)		
		0.2-60 VAC/DC	2 x 5 A (Changeover)		
		20-80 VAC/DC	1 x 5 A (Changeover)		
	Voltage (over and under voltage)	65-260 VAC/DC			
	Voltage Selectable latching memory function				
	Voltage (over and under voltage)	15-600 VAC/DC	2 x 5 A (Changeover)		
	Voltage Selectable latching memory function				
 Current	Current Selectable latching memory function	2-500 mA	2 x 5 A (Changeover)		
			1 x 5 A (Changeover)		
	0.1-10 A	2 x 5 A (Changeover)			
		1 x 5 A (Changeover)			
Current (Over and Undercurrent)	2-20 A	1 x 10 A (Changeover)			
 Liquid Level Control	Pump up or down	5 - 100 kΩ	1 x 8 A (Changeover)		
		250 Ω - 1 MΩ	2 x 8 A (Changeover)		

ACCESSORIES

Type	Description	Compatibility	Part Number
 Probes	Resistive Stainless style probe	ENR / ENRM / HNM	79 696 015
	Resisitve Stainless Steel Prob +165°C		79 696 016

Monitoring Relay Features

- Protect AC motors, HVAC Systems, Pumps, Conveyors, Packaging Machines and other loads.
- Many Options: Three-phase and single phase, voltage, current, level monitoring
- UL, CCC and CE certified

	Power Supply	Width	Mounting	Designation	Part Number
	220-480 VAC	35 mm	DIN Rail	H3U5	84 873 220
	208-480 VAC			M3U5	84 873 222
	120-277 VAC			H3USN	84 873 221
	208-480 VAC	MW5		84 873 029	
	208-440 VAC	MW52		84 873 021	
	208-480 VAC	17.5 mm		MWG	84 873 022
				MWU	84 873 023
				MWA	84 873 024
				MWUA	84 873 025
					84 873 026
			35 mm		
	12 VDC	17.5 mm	DIN Rail	MU512	84 872 140
	24-240 VAC/DC	35 mm		HUL	84 872 120
		22.5 mm		EUL	84 872 025
	24-48 VAC/DC	17.5 mm		MU580	84 872 141
				MU5F80	84 872 151
	MU5260			84 872 142	
	MU5F260			84 872 152	
	24-240 VAC/DC	35 mm		HUH	84 872 130
		22.5 mm		EUH	84 872 035
	24-240 VAC/DC	35 mm	DIN Rail	HIL	84 871 120
		22.5 mm		EIL	84 871 025
		35 mm		HIH	84 871 130
		22.5 mm		EIH	84 871 035
		17.5 mm		MIC	84 871 122
	24-240 VAC/DC	17.5 mm	DIN Rail	ENR	Coming soon
		17.5 mm		ENRM	Coming soon
		22.5 mm		HNM	84 870 700