Electrical Ratings		UL/Nema	IEC	
Power Circuit	Rated Operation Voltage	200V480Y/277V	200500V	
-	Rate Insulation Voltage	600V	600 V	
	Rated Impulsed Voltage	6 kV	6 kV	
	Dielectric Withstand	2200V AC	2500V AC	
	Operating Frequency	50/60 Hz	50/60 Hz	
	Utilization Category	N/A	AC-3	
	Protection Against Shock	N/A	IP2X	
		2.5 /	A	
	Rated Operating Current Max.	5.5 A 16 A		
Short Circuit Protection	SCPD performance Type 2	0.52.5 A range 65 kA@480Y/277V	0.52.5 A range 65 kA	
		1.15.5 A range 65 kA@480Y/277V	1.15.5 A range 65 kA	
		3.216 A range 25 kA@480Y/277V	3.216 A range 25 kA	
	SCPD List	Size per NEC Group Motor		
Control Circuit		24V DC A2 (should be grounded at voltage source)		
	Rated Operation Voltage	120V AC A2 (should be grounded at voltage source)		
		240V AC A2 (should be grounded at voltage source)		
_	Rate Insulation Voltage	250V	250V	
	Rated Impulsed Voltage	_	4 kV	
	Dielectric Withstand	1500V AC	2000V AC	
	Overvoltage Category		III	
	Operating Frequency	50/60 Hz		
	Operating Frequency			
-	24V DC Status Only	Power Requirements		
	24V DC Status Only	77 W pickup 1 W holding		
	24V DC HOA/HOA Reversing	87 W pickup 11 W holding		
	120V/240V AC Status Only	70 VA Pickup 9 VA Holding		
	120V/240V AC HOA/HOA Reversing	80 VA Pickup 19 VA Holding		
Input Ratings	Rated Operation Voltage	24V DC		
-	Input On-State Voltage Range	1026V DC		
	Input On-state Current	3.0 mA @ 10V DC		
_		7.2 mA @ 24V DC		
	Input Off-state Voltage Range	05V DC		
	Input Off-state Current	<1.5 mA		
		Input Filter — Software Selectable		
_	Off to On	Settable from 064 ms in 1 ms increments		
	On to Off	Settable from 064 ms in 1 ms increments		
	Input Compatibility	N/A	IEC 1+	
	Number of inputs	4		
	Sensor Source			
	Voltage Status Only	1125V DC from DeviceNet		
-	Voltage with HOA or HOA reversing	24V DC ±15% from Control Voltage		
	Current Available	50 mA MAX per Input, 200 mA Total		
Output Ratings	Rated Operation Voltage	240V AC / 30V DC	240V AC / 30V DC	
	Rate Insulation Voltage	250V	250V	
	Dielectric Withstand	1500V AC	2000V AC	
	Operating Frequency	50/60 Hz	50/60 Hz	
		Electromechanical Relay		
	Type of control circuit	Electromecha	nicai Relay	
	Type of control circuit Kind of Current	Electromecha AC/D	<u> </u>	
	**		OC .	
-	Kind of Current	AC/D	DC utputs ≤ 2 A	

vironmental	Operating Temperature Range	040°C (32104°F)			
	Storage and Transportation temperature range	–2585°C (–13185°F)			
	Altitude	2000 m			
	Humidity	595% (non-condensing)			
	Pollution Degree	3			
	Mechanical Resistance to Shock				
	Operational 5 G				
	Non-Operational	10 G			
	Resistance to Vibration				
	Operational	Operational 5 G			
	Non-Operational	10 G			
	Control Power Terminal Cable Size	#22 AWG#10 AWG	0.5 mm ² 6 mm ²		
	Tightening Torque	5.66.8 lb-in	0.7 N·m		
	Line Power Terminal cable size	#22 AWG#10 AWG	0.5 mm ² 6 mm ²		
	Tightening Torque	5.66.8 lb-in	0.7 N·m		
	Ground Terminal cable size	#22 AWG#10 AWG	0.5 mm ² 6 mm ²		
	Tightening Torque	5.66.8 lb-in	0.7 N·m		
	Enclosure Ratings	NEMA 4/12	IP67		
Other Rating	•	EMC Emission levels			
	Conducted Radio Frequency Emissions	Class A			
	Radiated Emissions	Class A			
	EMC immunity levels				
	Electrostatic Discharge	4 kV contact and 8 kV Air			
	Radio Frequency Electromagnetic Field	10 V/m			
	Fast Transient	2 kV			
	Surge Transient	1 kV (12) L-L, 2 kV (2) L-N (Earth)			
	Overload Characteristics				
		0.52.5 A			
	Overload Current Range	1.15.5 A			
		3.216 A			
	Trip Classes	10, 15, 20			
	Trip Rating	120% of FLC setting			
	Number of poles	3			
	DeviceNet Specifications				
	DeviceNet Supply Voltage Rating	Range 1125V DC, 24V DC Nominal			
	DeviceNet Input Current	125 mA plus total of Input currents 325 mA Max at 24V DC Status Only			
	Devicervet input Current	125 mA at 24V DCHOA/HOA Reversing			
	DeviceNet Input Current Surge	15 A for 250 μs			
	DeviceNet Communications				
	Baud Rates	125, 250, 500 kbps			
	Distance Maximum	500 m (1630 ft) @ 125 kbps			
		200 m (656 ft) @ 250 kbps			
		100 m (328 ft) @ 500 kbps			
	Approvals	cULus (File No. 3125) UL 508E EN/IEC 60947-4-1			