

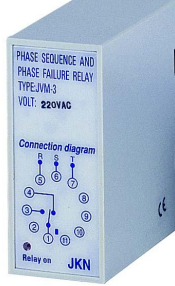





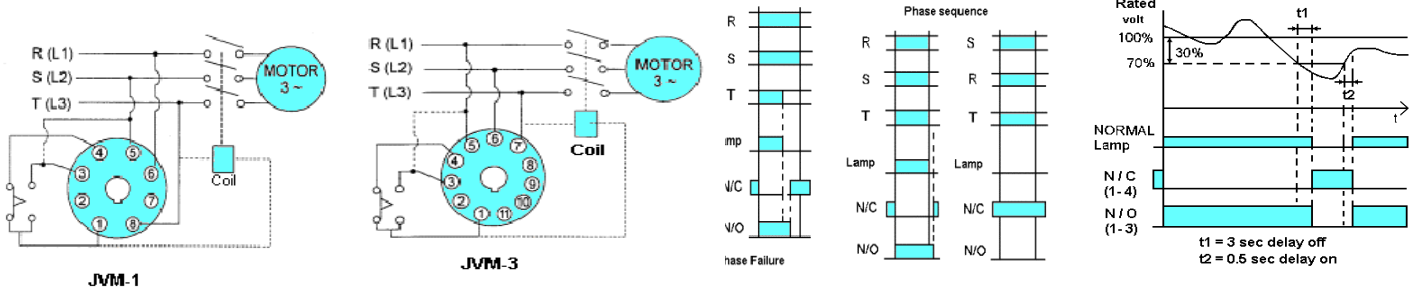
MONITORING & PROTECTION RELAY

欠逆相及高低壓檢測保護繼電器

Model No.		JVM-1	JVM-2	JVM-3	JVM-4
Classification					
Appearance					
Features		Phase Failure Phase Sequence	Phase Failure Phase Sequence Over Voltage Under Voltage	Phase Failure Phase Sequence	Phase Failure Phase Sequence Over Voltage Under Voltage
Surface Mounting		Socket base 8PFA	Socket base 8PFA	Socket base P2CF11	Socket base P2CF11
Output Capacity		SPDT			
Response Time of Relay		Delay on : 0.5 Sec Delay off : 3 Sec			
Frequency		50Hz or 60Hz (Depend upon user's area)			
Rated Voltage (Range:85%~110%)		3 Phase 220 , 380 , 415 , 440V	3 φ : 220 , 380 , 415 , 440V 1 φ : 110 , 220 , 380 , 415 , 440V	3 Phase 220 , 380 , 415 , 440V	3 φ : 220 , 380 , 415 , 440V 1 φ : 110 , 220 , 380 , 415 , 440V
LIFE	Mechanical	10,000,000 Times			
	Electrical AC220VPF=1	500,000 Times			
ACCURACY	Repeat		+/- 2% Max		+/- 2% Max
	Setting		+/- 10% Max		+/- 10% Max
	Voltage		+/- 2% Max		+/- 2% Max
	Temperature		+/- 2% Max		+/- 2% Max
Reset time		0.2 Sec Max			
Ambient temp. & Humidity		-10~55Deg.C , 85% Max			

CONNECTION & OPERATIONAL DIAGRAMS

TYPE : JVM-1 & JVM-3 (Phase failure

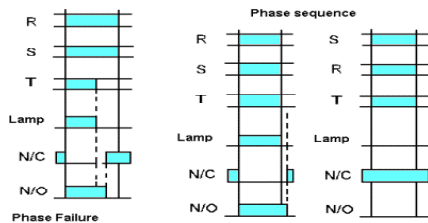
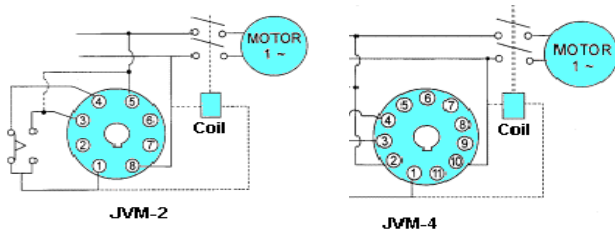


/ Phase sequence monitoring relay)

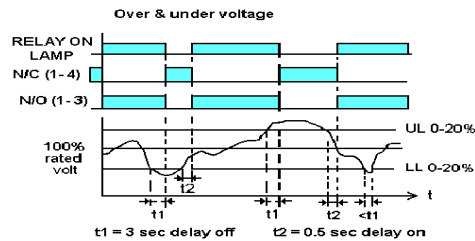
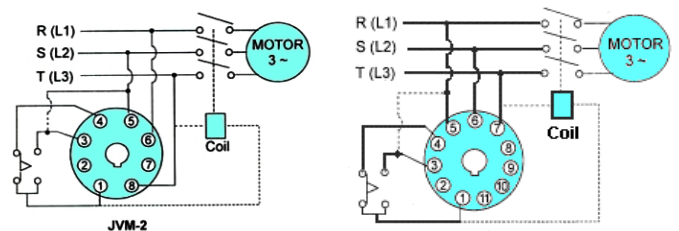
啓動電源後只有在 3 相電源的每一相位都在正確位置時，1 - 3 腳才接通；有欠相或逆相 接線時，1 - 3 腳不接通。若在正常運作中任一線突然缺電或電壓降至額定電壓的 70% 以下，內部繼電器會於 3 秒延遲後回到原始位置，切斷電源以保護馬達不致損壞。當電 源供應恢復正常時，繼電器會於 0.5 秒延遲後接通 1 - 3 腳。

TYPE : JVM-2 & JVM-4 (Phase failure / Phase sequence / Under volt. monitoring relay)

A . Single phase


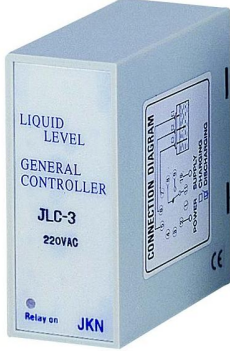
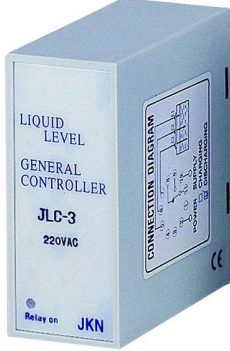


B . Three phase



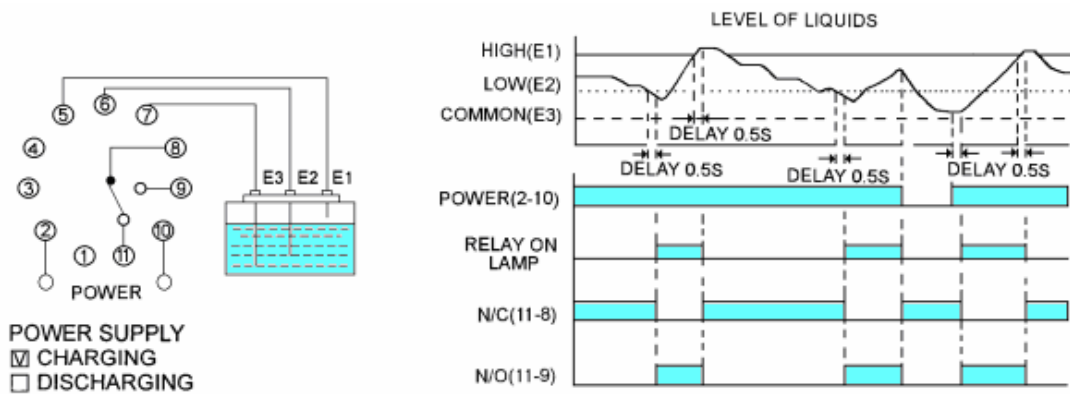
電源接通後，只有在單相或三相電源相位順序正確及供應電壓在設定範圍內時，1 - 3 腳才會接通。正常運作中電壓過高或電壓低於設定值時，繼電器會釋回以切斷電源。電壓保護設定值從額定電壓的上下 0 ~ 20% 可調整。繼電器內部轉換延遲；ON 爲 0.5 秒；OFF 爲 3 秒。

液面控制繼電器

Model No.		JLC-1	JLC-2	JLC-3
Classification				
Appearance				
Features		Water Supply or Water Drainage for controlling conductive liquids under 40 kΩ	Water Supply for controlling conductive liquids under 40 kΩ	Water Drainage for controlling conductive liquids under 40 kΩ
Surface Mounting		Socket base 8PFA	Socket base P2CF11	Socket base P2CF11
Output Capacity		SPDT		
Response Time of Relay		Standard : 0.5 SEC		
Frequency		50Hz or 60Hz		
Rated Voltage (Range:85%~110%)		110VAC , 220VAC , 380VAC , 415VAC		
LIFE	Mechanical	10,000,000 Times		
	Electrical AC220VPF=1	500,000 Times		
ACCURACY	Repeat	*****		
	Setting	*****		
	Voltage	*****		
	Temperature	*****		
Reset time		0.2 Sec Max		
Ambient temp. & Humidity		-10~55Deg.C , 85% Max		

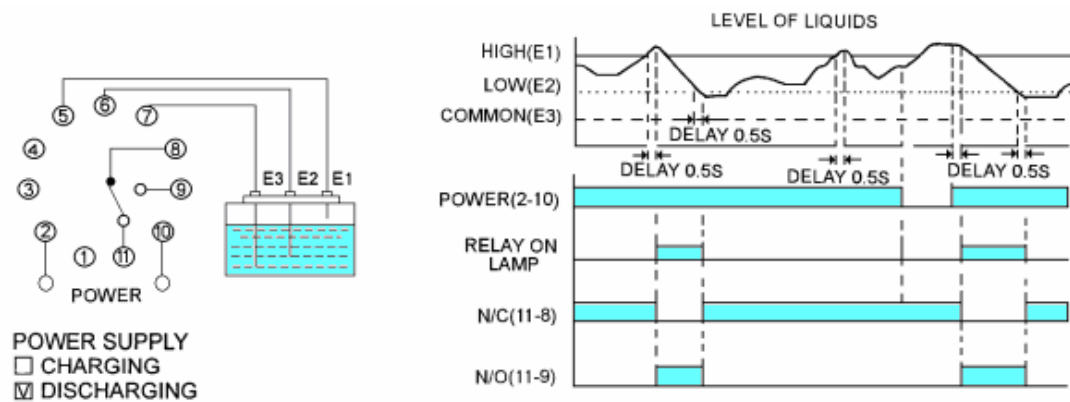
(2) JLC-2 (供水)

當液位低於E2 之位準時，繼電器第11 腳與第9 腳會於0.5 秒延遲後接通，同時啓動幫浦開始供水，直到水位到達E1(高水位)超過0.5 秒時，繼電器回到原來位置(第11 腳與第8 腳接通)並停止供水。




(3) JLC-3 (排水)

當液位高於E1 之位準時，繼電器第11 腳與第9 腳會於0.5 秒延遲後接通，同時啓動幫浦開始抽水，直到水位到達E2(低水位)超過0.5 秒時，繼電器回到原來位置(第11 腳與第8 腳接通)並停止排水。

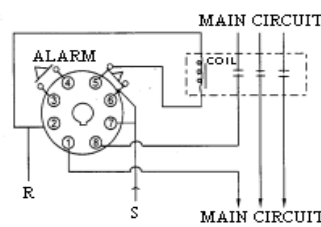
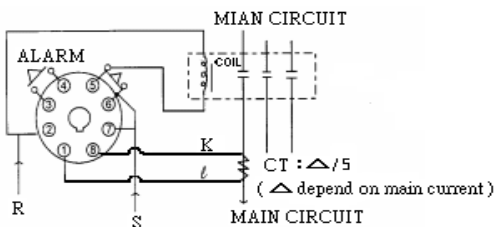


過電流保護繼電器

Model No.		JOC-1	JOC-2
Classification			
Appearance			
Features		Output relay will transfer to ON after time delay of 0.5 Sec while current exceeds the setting current (2~7A). RESET : Power off reset or excluding problem.	When current is over than the setting current, output relay will transfer to ON after 0.5 Sec duration Once current is less than set current, relay contacts will be switched to its original position after response time.
Surface Mounting		Socket base 8PFA	
Output Capacity		1N/O + 1N/C Separately	
Response Time of Relay		0.5 SEC Fixed	
Current Range		AC 2~7 Amp Adjustable	
Rated Voltage Range:85%~110%)		50/60Hz 110VAC , 220VAC	
LIFE	Mechanical	10,000,000 Times	
	Electrical AC220VPF=1	500,000 Times	
ACCURACY	Repeat	+/- 2% Max	
	Setting	+/- 10% Max	
	Voltage	+/- 2% Max	
	Temperature	+/- 2% Max	
Reset time		0.2 Sec Max	
Ambient temp. & Humidity		-10~55Deg.C , 85% Max	

CONNECTION & OPERATIONAL DIAGRAMS

(1) Indirect connection (負載大於 7 安培時與比流器並聯) : (2) Direct connection (負載小於 7 安培時可直接串聯到控制器上，配線簡易·) :



OPERATIONAL DIAGRAM

