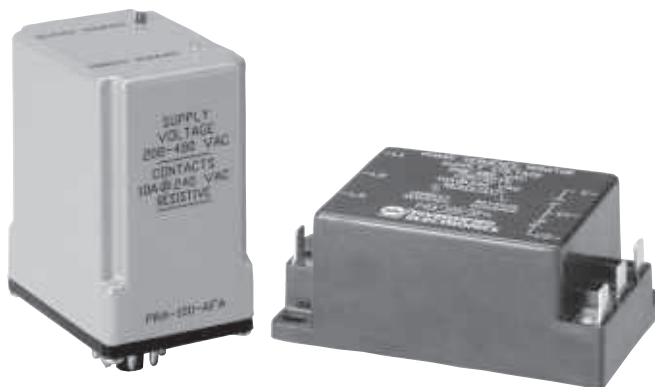


The **PRA-100 Series** Phase Sequence Monitors are designed to allow the output to energize only when the phase connections are in the proper sequence. For use in applications where motor direction is critical or the installation is required by code to have sequence detection.

When the phase sequence is correct and the operating voltage is present on all phases, the relay will energize and the green LED indicator will glow. If the phases are in reverse rotation, the relay will not energize and the red LED indicator will glow. The PRA-100 Series will not detect phase loss while the motor is turning. The PRA Series is UL Listed under UL File Number E55826.



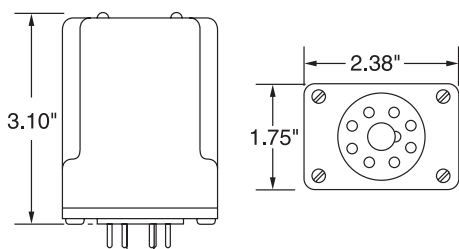
STYLE "A"

STYLE "N"

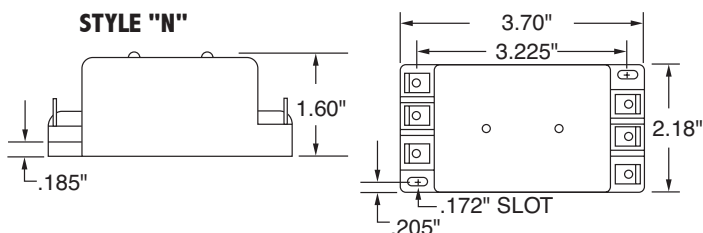
Phase Sequence Monitor

► DIMENSIONS (INCHES/MILLIMETERS)

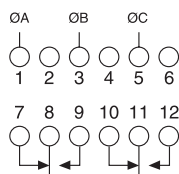
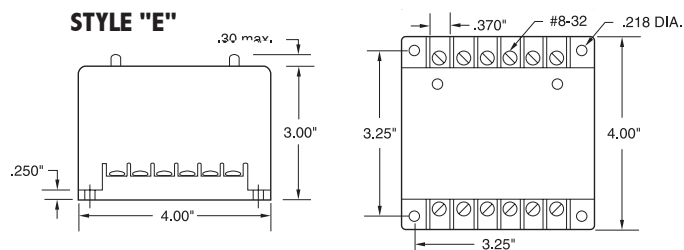
STYLE "A"



STYLE "N"



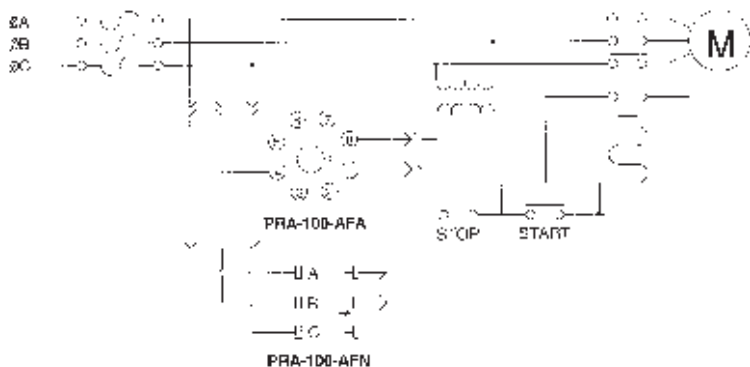
STYLE "E"



► SPECIFICATIONS

OPERATING VOLTAGE	208-480 VAC ±15%, phase-to-phase, 50/60	
PHASE SEQUENCE	ABC (Will Not Operate CBA)	
TOTAL APPARENT POWER	11 VA @ 480 VAC	
OUTPUT RATING	Style A & N	SPDT, 10 Amps @ 240 VAC Resistive, 1/2 hp @ 240 VAC
	Style E	DPDT, 10 Amps @ 240 VAC Resistive, 1/2 hp @ 240 VA
RESET	Automatic	
INDICATORS	Green LED	Glow on correct sequence
	Red LED	Glow on incorrect sequence
RESPONSE TIMES	200 mSEC. (approximately)	
TEMPERATURE RATING	Operate	32° to +131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)
ENCLOSURE	Style "A"	LEXAN® dust cover 8-Pin plug-in RB-08 or OT-08 socket required
	Style "N"	Glass filled VALOX® surface mounted 6-1/4" male quick connect
	Style "E"	LEXAN® Surface Mount, #8-32 screws
WEIGHT	Style "A"	0.3 lbs.
	Style "N"	0.35 lbs.
	Style "E"	0.75 lbs

► WIRING












► MODEL NUMBER

MODEL NUMBER	PRA	100	
ENCLOSURES	LEXAN® dust cover 8-Pin plug-in. RB-08 or OT-08 Socket		AFA
	Glass filled VALOX® surface mounted 6-1/4" male quick connect		AFN
	LEXAN® Surface Mount, #8-32 screws		AFE



















ORDERING INFORMATION

STYLE A PLUG-IN

MODEL NUMBER	OPERATING VOLTAGE	TYPE OF ADJUSTMENT	DROP-OUT VOLTAGE		AGENCY APPROVAL	OUTPUT RATINGS
			1 Ø LOW	3 Ø LOW		
SLA-120-ALA	95-130 Adj	Lock Shaft	79-108	85-117	—	DPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 2
SLA-120-ASA		Screwdriver			cULus  	SPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 1
SLA-120-ASB					—	SPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 3
SLA-230-ALA	190-270 Adj.	Lock Shaft	158-224	171-243	cULus 	DPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 2
SLA-230-ASA		Screwdriver			cULus  	SPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 1
SLA-230-ASB					—	SPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 3
SLA-380-ASA	350-440 Adj.	Screwdriver	290-365	315-396	—	SPDT, 360 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 1
SLA-440-ASA	430-480 Adj.		357-398	387-432	—	
SUA-120-ALA	95-130 Adj.	Lock Shaft	79-108	85-117	cULus  	SPDT, 345 VA Inductive; 10 Amps Resistive @ 240 VAC, Figure 1
SUA-120-ALAU*					190-270 Adj.	
SUA-230-ALA	190-270 Adj.	Screwdriver	158-224	171-243		
SUA-230-ALAU*					350-440 Adj.	
SUA-380-ASA	430-480 Adj.	Screwdriver	357-398	387-432		cULus  


*UL Listed only when used with RB-08 relay socket; 5 Amps Resistive @ 240 VAC. All voltages referenced on this page are phase-to-phase. Models also available with fixed operating voltages. Consult factory.

STYLE E SURFACE MOUNTED ENCLOSURE

MODEL NUMBER	OPERATING VOLTAGE	DROP-OUT VOLTAGE		RESET	AGENCY APPROVAL	OUTPUT RATINGS
		1 Ø LOW	3 Ø LOW			
SLA-120-ALE	95-130 Adj.	79-108	85-117	Automatic	IND. CONT. EQ 496Y cULus  	DPDT, 211 VA Inductive; 10 Amps Resistive @ 120 VAC, Figure 4
SLA-120-ALER				Manual	IND. CONT. EQ 496Y cULus  	DPDT, 211 VA Inductive; 10 Amps Resistive @ 120 VAC, Figure 4
SLA-230-ALE	190-270 Adj.	158-224	171-243	Automatic	IND. CONT. EQ 496Y cULus  	DPDT, 345 VA Inductive; 5 Amps Resistive @ 240 VAC, Figure 4
SLA-230-ALER				Manual	IND. CONT. EQ 496Y cULus  	DPDT, 345 VA Inductive; 5 Amps Resistive @ 240 VAC, Figure 4
SLA-380-ALE	350-440 Adj.	290-365	315-396	Automatic	IND. CONT. EQ 496Y cULus  	DPDT, 360 VA Inductive; 3 Amps Resistive @ 600 VAC, Figure 4
SLA-380-ALER				Manual	IND. CONT. EQ 496Y cULus  	SPDT, 360 VA Inductive; 3 Amps Resistive @ 600 VAC, Figure 5
SLA-440-ALE	430-480 Adj.	357-398	387-432	Automatic	IND. CONT. EQ 496Y cULus  	DPDT, 360 VA Inductive; 3 Amps Resistive @ 600 VAC, Figure 4
SLA-440-ALER				Manual	IND. CONT. EQ 496Y cULus  	SPDT, 360 VA Inductive; 3 Amps Resistive @ 600 VAC, Figure 5
SLA-575-ALE	525-625 Adj.	436-519	473-563	Automatic	IND. CONT. EQ 496Y cULus  	DPDT, 360 VA Inductive; 3 Amps Resistive @ 600 VAC, Figure 4

All voltage referenced are phase-to-phase.—Models also available with fixed operating voltages. Consult factory.

STYLE N EPOXY ENCAPSULATED

MODEL NUMBER	OPERATING VOLTAGE	TYPE OF OPERATION	DROP-OUT VOLTAGE		AGENCY APPROVAL
			1 Ø LOW	3 Ø LOW	
SLA-120-AFN	120	Fixed	100	108	cULus 
SLA-208-AFN	208	Fixed	173	187	
SLA-220-AFN	220	Fixed	183	198	
SLA-240-AFN	240	Fixed	199	216	

SPDT 180VA @ 120VAC; 72VA @ 24VAC; All voltage referenced are phase-to-phase.
SPDT 180 va @ 120 vac, 72 va @ 24 vac.