

FEATURE MATRIX

MODEL NUMBER	PHASE LOSS	UNDER VOLTAGE	PHASE SEQUENCE	NOMINAL LINE VOLTAGE PHASE-TO-PHASE 50/60 HZ										ENCLOSURE				RESET		LED INDICATOR	UL Recognized	UL Listed	CSA Certified
														STYLE A	STYLE B	STYLE E	STYLE N	AUTOMATIC	MANUAL				
				120	208	220	230	240	380	440	460	480	575										
PRA-100-AFA			●		●	●	●	●	●	●	●		●				●		●				
PRA-100-AFN			●		●	●	●	●	●	●	●					●	●		●				
PRA-100-AFE			●		●	●	●	●	●	●	●				●		●		●				
SLA-120-AFN	●	●	●	●												●	●			●			
SLA-120-ALA	●	●	●	●									●				●						
SLA-120-ALE	●	●	●	●												●	●		●		●	●	
SLA-120-ALER	●	●	●	●												●		●		●		●	
SLA-120-ASA	●	●	●	●									●				●		●	●		●	
SLA-120-ASB	●	●	●	●										●			●		●	●			
SLA-208-AFN	●	●	●		●											●	●			●			
SLA-220-AFN	●	●	●			●											●	●		●			
SLA-230-ALA	●	●	●				●						●				●		●	●			
SLA-230-ALE	●	●	●		●	●	●	●								●	●		●		●	●	
SLA-230-ALER	●	●	●		●	●	●	●								●		●		●		●	
SLA-230-ASA	●	●	●		●	●	●	●					●				●		●	●		●	
SLA-230-ASB	●	●	●		●	●	●	●						●		●		●		●			
SLA-240-AFN	●	●	●					●								●	●			●			
SLA-380-ALE	●	●	●						●							●	●		●		●	●	
SLA-380-ALER	●	●	●						●							●		●		●		●	
SLA-380-ASA	●	●	●						●				●				●		●				
SLA-440-AFE	●	●	●							●						●	●		●		●	●	
SLA-440-ALE	●	●	●							●	●	●				●	●		●		●	●	
SLA-440-ALER	●	●	●							●	●	●						●		●		●	
SLA-440-ASA	●	●	●							●	●	●		●			●		●				
SLA-460-AFE	●	●	●								●					●	●		●		●	●	
SLA-480-AFE	●	●	●									●				●		●		●		●	
SLA-575-AFE	●	●	●										●			●	●		●		●	●	
SLA-575-ALE	●	●	●										●			●	●		●		●	●	
SUA-120-ALA	●	●	●	●									●				●		●	●		●	
SUA-120-ALAU	●	●	●	●									●				●		●		●	●	
SUA-230-ALA	●	●	●		●	●	●	●					●				●		●	●		●	
SUA-230-ALAU	●	●	●		●	●	●	●					●				●		●		●	●	
SUA-380-ASA	●	●	●						●				●				●		●	●		●	
SUA-440-ASA	●	●	●							●	●	●		●			●		●	●		●	

All models available with fixed operating voltages. Consult factory.

FEATURE MATRIX

MODEL NUMBER	PHASE LOSS	UNDER VOLTAGE	OVER VOLTAGE	PHASE UNBALANCE	PHASE SEQUENCE	ADJUSTABLE DELAY	NOMINAL LINE VOLTAGE PHASE-TO-PHASE 50/60 HZ									STYLE E	RESET		LED INDICATOR	CONTROL VOLTAGE REQUIRED
																	AUTOMATIC	MANUAL		
							120	208	220	230	240	380	440	460	480					
PBC-120-ALE	●	●	●				●									●	●		●	
PBC-230-ALE	●	●	●					●	●	●	●					●	●		●	
PBC-400-ALE	●	●	●									●				●	●		●	
PBC-440-ALE	●	●	●										●	●	●		●	●		●
PBC-480-ALE	●	●	●										●	●	●		●	●		●
PBC-575-ALE	●	●	●												●	●	●		●	
PBC-120/208-ALE	●	●	●					●								●	●		●	
PBC-220/380-ALE	●	●	●									●				●	●		●	
PBC-277/480-ALE	●	●	●												●		●		●	
PBD-120-ALE	●	●	●		●	●	●									●	●		●	
PBD-230-ALE	●	●	●		●	●		●	●	●	●					●	●		●	
PBD-400-ALE	●	●	●		●	●						●				●	●		●	
PBD-440-ALE	●	●	●		●	●							●	●	●		●	●		●
PBD-480-ALE	●	●	●		●	●							●	●	●		●	●		●
PBD-575-ALE	●	●	●		●	●										●	●	●		●
PBE-120-ASE	●	●	●		●	●	●									●	●		●	
PBE-230-ASE	●	●	●		●	●		●	●	●	●					●	●		●	
PBE-400-ASE	●	●	●		●	●						●				●	●		●	
PBE-440-ASE	●	●	●		●	●							●	●	●		●	●		●
PBE-480-ASE	●	●	●		●	●							●	●	●		●	●		●
PBE-575-ASE	●	●	●		●	●										●	●	●		●
PBE-120/208-ASE	●	●	●		●	●		●									●	●		●
PBE-220/380-ASE	●	●	●		●	●						●					●	●		●
PBE-277/480-ASE	●	●	●		●	●									●		●	●		●
SLB-200-ALEA*	●			●	●	●	●	●	●	●	●					●	●		●	●
SLB-200-ALER*	●			●	●	●	●	●	●	●	●					●		●	●	●
SLB-400-ALEA*	●			●	●	●						●	●	●	●		●	●		●
SLB-400-ALER*	●			●	●	●						●	●	●	●		●		●	●
SLC-120-ALE	●			●			●									●	●		●	
SLC-230-ALE	●			●				●	●	●	●					●	●		●	
SLC-380-ALE	●			●								●				●	●		●	
SLC-440-ALE	●			●									●	●	●		●	●		●

*The SLB Series is 60 Hz standard.

FEATURE MATRIX

MODEL NUMBER	PHASE LOSS	UNDER VOLTAGE	OVER VOLTAGE	PHASE UNBALANCE	FREQUENCY SHIFT	PHASE SEQUENCE	ADJUSTABLE DELAY	NOMINAL LINE VOLTAGE PHASE-TO-PHASE 50/60 HZ								STYLE A (Plug-In)	STYLE E (Surface Mount)	DIN RAIL MOUNT	DIN RAIL/SURFACE MT.	RESET		LED INDICATOR	UL RECOGNIZED	UL LISTED	CSA CERTIFIED	CURRENT: OVER/UNDER/UNBAL.
								120	208	220	230	240	380	440	460	480	575					AUTOMATIC	MANUAL			
SLD-120-ALE	●	●		●		●	●	●										●			●		●			
SLD-120-ASA	●	●		●		●	●	●										●			●		●			
SLD-230-ALE	●	●		●		●	●		●	●	●	●						●			●		●		●	
SLD-230-ASA	●	●		●		●	●		●	●	●	●						●			●		●		●	
SLD-380-ALE	●	●		●		●	●						●					●			●		●			
SLD-380-ASA	●	●		●		●	●						●					●			●		●			
SLD-440-ALE	●	●		●		●	●							●	●	●		●			●		●		●	
SLD-440-ASA	●	●		●		●	●							●	●	●		●			●		●		●	
SLE-120-ALE	●	●		●				●										●			●		●		●	
SLE-230-ALE	●	●		●					●	●	●	●						●			●		●		●	
SLE-380-ALE	●	●		●									●					●			●		●		●	
SLE-440-ALE	●	●		●										●	●	●		●			●		●		●	
SLH-120-ALE	●	●				●		●										●			●		●		●	
SLH-230-ALE	●	●				●			●	●	●	●						●			●		●		●	
SLH-440-ALE	●	●				●								●	●	●		●			●		●		●	
SLJ-120-ALE	●	●				●	●	●										●			●		●		●	
SLJ-230-ALE	●	●				●	●		●	●	●	●						●			●		●		●	
SLJ-380-ALE	●	●				●	●						●					●			●		●		●	
SLJ-440-ALE	●	●				●	●							●	●	●		●			●		●		●	
SLM-120-ASE	●	●	●	●	●	●	●	●										●			●		●		●	
SLM-230-ASE	●	●	●	●	●	●	●		●	●	●	●						●			●		●		●	
SLM-380-ASE	●	●	●	●	●	●	●						●					●			●		●		●	
SLM-440-ASE	●	●	●	●	●	●	●							●	●	●		●			●	●	●		●	
SLM-575-ASE	●	●	●	●	●	●	●										●	●			●	●	●		●	
SLU-100-ASA	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●		●			●	●	●		●	
SLU-100-ASD	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●			●		●	●	●		●	
SLU-600-ASTDS	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●	●		●		●	●	●		●	
MPA-1000	●	●	●	●	●	●	●		●	●	●	●	●	●	●	●				●	●	●		●		●
MPA-1100	●	●	●	●	●	●	●	●											●		●	●		●		●

FEATURE MATRIX

MODEL NUMBER	UNDER VOLTAGE	OVER VOLTAGE	ADJUSTMENT-KNOB	ADJUSTMENT-LOCKNUT	ADJUSTMENT-FIXED	NOMINAL LINE VOLTAGE										ENCLOSURE			LED INDICATOR	UL RECOGNIZED	CSA CERTIFIED		
						12 VDC	24 VAC	24 VDC	28 VDC	48 VDC	110 VDC	120 VAC	208 VAC	220 VAC	230 VAC	240 VAC	440 VAC	STYLE A				STYLE E	STYLE N
UOA-12-D*A	●		●	●	●	●												●				●	●
UOA-24-A*A	●		●	●	●		●											●				●	●
UOA-24-D*A	●		●	●	●			●										●				●	●
UOA-48-D*A	●		●	●	●					●								●				●	●
UOA-110-D*A	●		●	●	●						●							●				●	●
UOA-120-A*A	●		●	●	●							●						●				●	●
UOA-120-AFN	●				●							●								●		●	
UOA-208-A*A	●		●	●	●								●					●				●	●
UOA-208-AFN	●				●								●							●		●	
UOA-220-AFN	●				●									●						●		●	
UOA-230-AFN	●				●										●					●		●	
UOA-240-A*A	●		●	●	●										●	●		●				●	●
UOA-240-AFN	●				●											●				●		●	
VBA-12-D*A	●	●	●	●	●	●												●				●	●
VBA-24-A*A	●	●	●	●	●		●											●				●	●
VBA-24-AFN	●	●			●		●													●			
VBA-24-D*A	●	●	●	●	●			●										●				●	●
VBA-28-D*A	●	●	●	●	●				●									●				●	●
VBA-48-D*A	●	●	●	●	●					●								●				●	●
VBA-110-D*A	●	●	●	●	●						●							●				●	●
VBA-120-A*A	●	●	●	●	●							●						●				●	●
VBA-120-AFN	●	●			●							●								●			
VBA-208-A*A	●	●	●	●	●								●					●				●	●
VBA-208-AFN	●	●			●								●							●			
VBA-220-AFN	●	●			●									●						●			
VBA-230-AFN	●	●			●										●					●			
VBA-240-A*A	●	●	●	●	●										●	●		●				●	●
VBA-240-AFN	●	●			●											●				●			

Adjustments: F = Fixed, K = Knob, L = Locknut

FIGURE 1

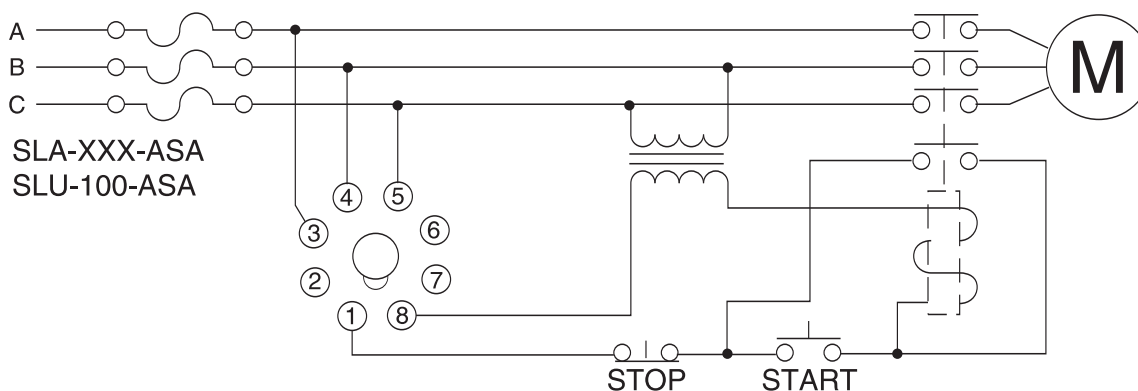
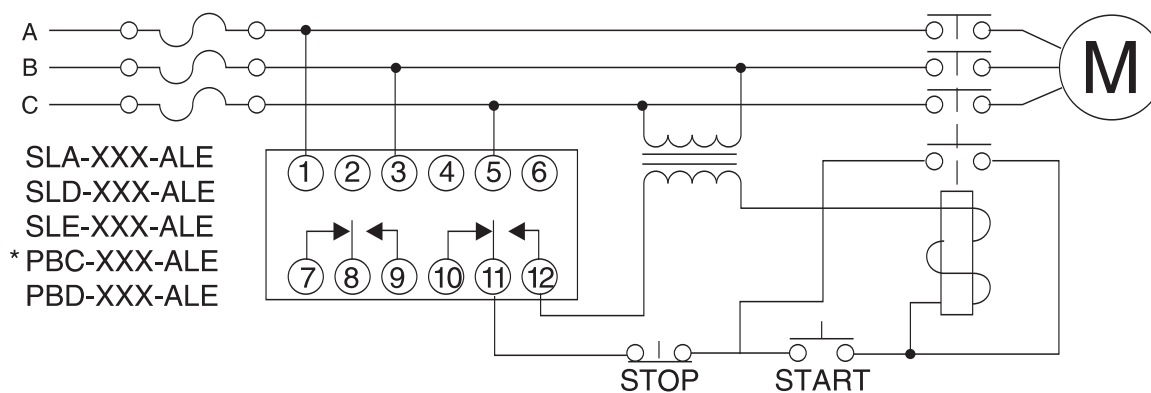
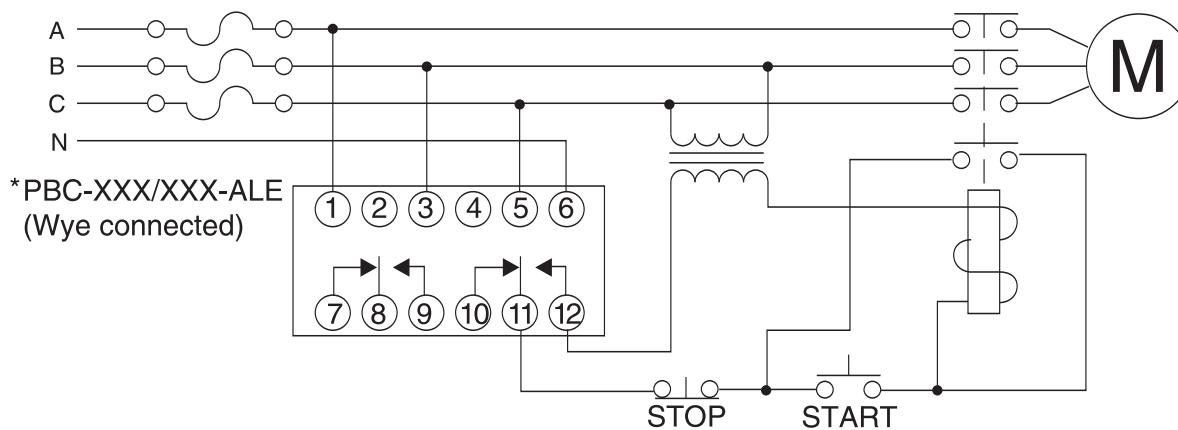


FIGURE 2

**FIGURE 3**

APPLICATION NOTES—WIRING DIAGRAMS

FIGURE 4

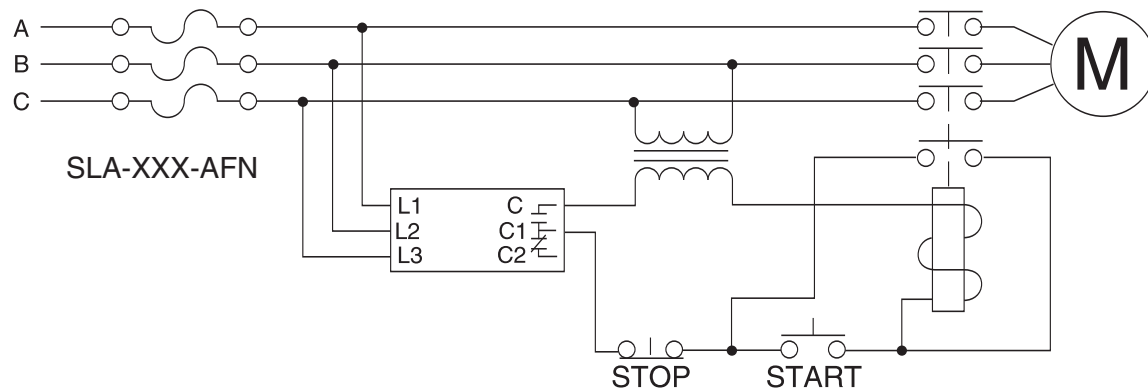


FIGURE 5

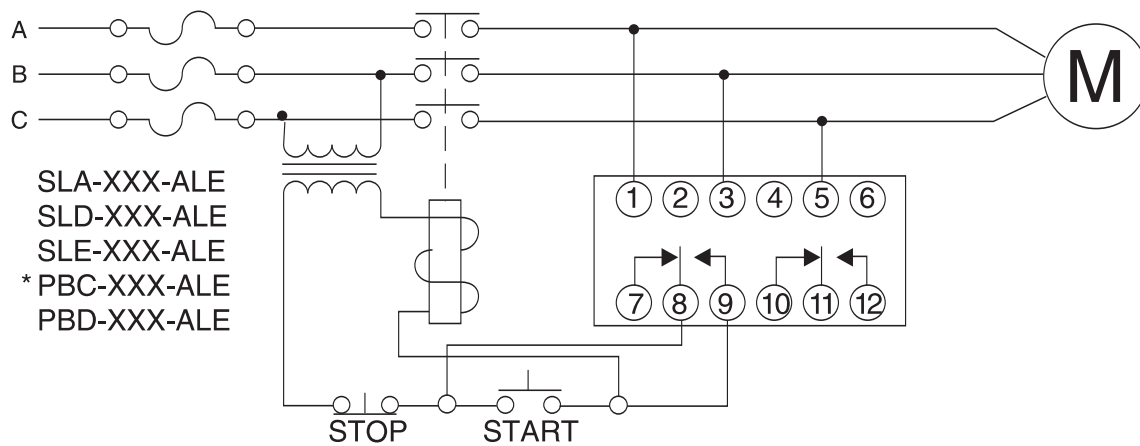


FIGURE 6

