

SCR Selection Guide

SCR Power Controller	SSR	MiniMax 1	MiniMax 1P	MiniMax 2	MiniMax 3
Phase	Single 3 Phase, 2 Leg	Single	Single	3 Phase, 2-Leg	3 Phase, 3-Leg
DIN Rail Mount	Y				
Firing • Phase Angle	Y		Y		
• Proportional	Y	Y		Y	Y
• On/Off	Y	Y		Y	Y
Line Voltage	42-600 Vac	120-600 Vac	120-600 Vac	120-600 Vac	120-600 Vac
Amps	15-75	30-75	30-75	30-75	30-75
Inputs	Vac, Vdc 4-20mA	4-20mA, 0-5, 0-10, 5-32 Vdc, 120, 240 Vac, Dry Contact	4-20mA, 0-5, 0-10, 5-32 Vdc 120, 240 Vac, Dry Contact	4-20mA, 0-5, 0-10, 5-32 Vdc 120, 240 Vac, Dry Contact	4-20mA, 0-5, 0-10, 5-32 Vdc 120, 240 Vac, Dry Contact
Remote/Manual Adjust		Option	Option	Option	Option
Current Limit & Soft Start	Soft Start		Y		
Zero/Gain Adjust			Y		
Line Voltage Regulation			Y		
Heatsink Isolation		Y	Y	Y	Y
Full Isolation	Y				
Electronic Sensor		Y		Y	Y
Heatsink Thermostat			Y		
Overheat Indication					
Shorted SCR Detection		Option		Option	Option
Touch Safe Option					
Integral I ² T		Y	Y	Y	Y
RS-485 Digital Communication					
Control Mode • Voltage	Y		Y		
• Current	Y		Y		
• Power	Y		Y		
Retransmit Signal • Voltage					
• Current					
• Power					
Agency Approvals	cUL, UL, CE	CE, cUL, UL Demko	cUL, UL	CE, cUL, UL Demko	CE, cUL, UL Demko
See Page	H-45	H-50	H-52	H-54	H-56

1. Field Selectable

2. Approval Pending

SCR Selection Guide *(cont'd.)*

SCR Power Controller	MaxPac I	MaxPac IP	MaxPac II	MaxPac III
Phase	Single	Single	3 Phase, 2-leg	3 Phase, 3-leg
DIN Rail Mount				
Firing • Phase Angle		Y		
• Proportional	Y(DOT)		Y(DOT)	Y(DOT)
• On/Off	Y		Y	Y
Line Voltage	120-600 Vac	120-600 Vac	120-600 Vac	120-600 Vac
Amps	100-1200	100-1200	100-1200	100-1200
Inputs	Vac, Vdc 4-20mA, 0-5, 1-5, 0-10Vdc	4-20mA, 5Vdc (+6 other analog)	Vac, Vdc, 4-20mA, 0-5, 1-5, 0-10Vdc	Vac, Vdc, 4-20mA, 0-5, 1-5, 0-10Vdc
Remote/Manual Adjust	Option	Option	Option	Option
Current Limit & Soft Start		Y		
Zero/Gain Adjust		Y		
Line Voltage Regulation		Y		
Heatsink Isolation	Y	Y	Y	Y
Full Isolation	Y	Y	Y	Y
Electronic Sensor	Y		Y	Y
Heatsink Thermostat				
Overheat Indication				
Shorted SCR Detection	Option		Option	Option
Touch Safe Option	Option	Option	Option	Option
Integral I ² T	Option	Option	Option	Option
RS-485 Digital Communication				
Control Mode • Voltage				
• Current				
• Power				
Retransmit Signal • Voltage				
• Current				
• Power				
Agency Approvals	cUL UL, CE Demko	cUL UL	cUL UL, CE Demko	cUL UL, CE Demko
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1. Field Selectable
2. Approval Pending