

APPLICATIONS DATA



NOTE: SR44 soft starters have been discontinued. Please consider SR55 soft starters as a replacements.

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SR44 Applications Data



NOTE: SR44 soft starters have been discontinued. Please consider SR55 soft starters as a replacements.

The 'Application' tables show the specific individual settings that are configured by the SR44 'Applications' menu 'Level 2' settings.

Application Type	Default (Keypad)			
Start Pedestal (%)	20	Stop Pedestal (%)	10	
Start Time (s)	5	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	30	
Optimize Rate	5			
Auto End Start	☐	Auto 3MC	☒	
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	
		Auto Pedestal	☐	Auto Jog ☐
		Auto Bypass	☒	Auto Stop ☐
		Auto Ramp	☐	Auto End Stop ☐
Notes:				

Application Type	Default Auto			
Start Pedestal (%)	10	Stop Pedestal (%)	10	
Start Time (s)	10	Soft-Stop Time (s)	10	
Current Limit Level (x FLC)	5	Current Limit Time (s)	10	
Optimize Rate	0			
Auto End Start	☐	Auto 3MC	☐	
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☒	
		Auto Pedestal	☒	Auto Jog ☐
		Auto Bypass	☒	Auto Stop ☒
		Auto Ramp	☒	Auto End Stop ☐
Notes:				

Application Type	Small Pump			
Start Pedestal (%)	10	Stop Pedestal (%)	10	
Start Time (s)	5	Soft-Stop Time (s)	30	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	25	
Optimize Rate				
Auto End Start	☐	Auto 3MC	☒	
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☒	
		Auto Pedestal	☒	Auto Jog ☐
		Auto Bypass	☒	Auto Stop ☒
		Auto Ramp	☐	Auto End Stop ☒
Notes:				

Application Type	Large Pump			
Start Pedestal (%)	10	Stop Pedestal (%)	10	
Start Time (s)	7	Soft-Stop Time (s)	45	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	25	
Optimize Rate				
Auto End Start	☐	Auto 3MC	☒	
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☒	
		Auto Pedestal	☒	Auto Jog ☐
		Auto Bypass	☒	Auto Stop ☒
		Auto Ramp	☐	Auto End Stop ☒
Notes:				

SR44 Applications Data (continued)

Application Type	Conveyor			
Start Pedestal (%)	10	Stop Pedestal (%)	0	
Start Time (s)	10	Soft-Stop Time (s)	7	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	30	
Optimize Rate				Auto Pedestal ☒
Auto End Start	☒	Auto 3MC	☒	Auto Jog ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☒	Auto Bypass ☒
				Auto Ramp ☐
				Auto Stop ☒
				Auto End Stop ☒
Notes:				

Application Type	Low Inertia Fan			
Start Pedestal (%)	30	Stop Pedestal (%)	0	
Start Time (s)	15	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	30	
Optimize Rate				Auto Pedestal ☒
Auto End Start	☒	Auto 3MC	☒	Auto Jog ☐
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☒	Auto Bypass ☒
				Auto Stop ☐
				Auto Ramp ☐
				Auto End Stop ☐
Notes:				

Application Type	High Inertia Fan			
Start Pedestal (%)	40	Stop Pedestal (%)	0	
Start Time (s)	3	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	2.8125	Current Limit Time (s)	60	
Optimize Rate				Auto Pedestal ☒
Auto End Start	☒	Auto 3MC	☒	Auto Jog ☐
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☒	Auto Bypass ☒
				Auto Stop ☐
				Auto Ramp ☐
				Auto End Stop ☐
Notes:				

Application Type	Reciprocating Compressor			
Start Pedestal (%)	45	Stop Pedestal (%)	0	
Start Time (s)	3	Soft-Stop Time (s)	–	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	25	
Optimize Rate	15			Auto Pedestal ☒
Auto End Start	☒	Auto 3MC	☒	Auto Jog ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto Bypass ☒
				Auto Stop ☐
				Auto Ramp ☐
				Auto End Stop ☐
Notes:				

SR44 Applications Data (continued)

Application Type	Screw Compressor			
Start Pedestal (%)	40	Stop Pedestal (%)	0	
Start Time (s)	7	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	7.185	Current Limit Time (s)	25	
Optimize Rate		Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☒	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Rotary Compressor			
Start Pedestal (%)	35	Stop Pedestal (%)	0	
Start Time (s)	7	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	3.5	Current Limit Time (s)	25	
Optimize Rate		Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☒	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Crusher			
Start Pedestal (%)	40	Stop Pedestal (%)	0	
Start Time (s)	3	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	2.8125	Current Limit Time (s)	60	
Optimize Rate		Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☒	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing		Low Voltage Soft-Stop		Auto End Stop ☐

Notes:

Application Type	Grinder			
Start Pedestal (%)	40	Stop Pedestal (%)	0	
Start Time (s)	3	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	2.8125	Current Limit Time (s)	60	
Optimize Rate		Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☒	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

SR44 Applications Data (continued)

Application Type	High Torque Start			
Start Pedestal (%)	60	Stop Pedestal (%)	0	
Start Time (s)	3	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	4.375	Current Limit Time (s)	12	
Optimize Rate		Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☒	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Motor/Generator Set			
Start Pedestal (%)	40	Stop Pedestal (%)	0	
Start Time (s)	5	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	2.8125	Current Limit Time (s)	25	
Optimize Rate	0	Auto Pedestal	☐	Auto Jog ☐
Auto End Start	☐	Auto 3MC	☐	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Aerator			
Start Pedestal (%)	10	Stop Pedestal (%)	10	
Start Time (s)	60	Soft-Stop Time (s)	60	
Current Limit Level (x FLC)	3	Current Limit Time (s)	60	
Optimize Rate	5	Auto Pedestal	☐	Auto Jog ☐
Auto End Start	☐	Auto 3MC	☒	Auto Stop ☒
Soft-Stop Smoothing	☒	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Flywheel / Press			
Start Pedestal (%)	40	Stop Pedestal (%)	10	
Start Time (s)	3	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	3	Current Limit Time (s)	60	
Optimize Rate	5	Auto Pedestal	☒	Auto Jog ☐
Auto End Start	☐	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

Notes:

Application Type	Molder			
Start Pedestal (%)	10	Stop Pedestal (%)	10	
Start Time (s)	10	Soft-Stop Time (s)	0	
Current Limit Level (x FLC)	3	Current Limit Time (s)	30	
Optimize Rate	5	Auto Pedestal	☐	Auto Jog ☐
Auto End Start	☐	Auto 3MC	☒	Auto Stop ☐
Soft-Stop Smoothing	☐	Low Voltage Soft-Stop	☐	Auto End Stop ☐

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