

APPLICATIONS DATA



Contents of this Appendix...

SR44 Applications DataB-2

SR44 Applications Data

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 Pedestal	<input type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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 Pedestal	<input checked="" type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Stop	<input checked="" type="checkbox"/>
		Auto Ramp	<input checked="" type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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 Pedestal	<input checked="" type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Stop	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto End Stop	<input checked="" type="checkbox"/>
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 Pedestal	<input checked="" type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Stop	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto End Stop	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input checked="" type="checkbox"/>
		Auto End Stop	<input checked="" type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input checked="" type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing		Low Voltage Soft-Stop	
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>

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	<input checked="" type="checkbox"/>
Auto End Start	<input checked="" type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input checked="" type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input checked="" type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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	<input type="checkbox"/>
Auto End Start	<input type="checkbox"/>	Auto 3MC	<input checked="" type="checkbox"/>
Soft-Stop Smoothing	<input type="checkbox"/>	Low Voltage Soft-Stop	<input type="checkbox"/>
		Auto Bypass	<input checked="" type="checkbox"/>
		Auto Ramp	<input type="checkbox"/>
		Auto Jog	<input type="checkbox"/>
		Auto Stop	<input type="checkbox"/>
		Auto End Stop	<input type="checkbox"/>
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