

SOFTDRIVE '200' SERIES

softstart
direct.com

Functions 201

- Initial Pedestal
- Ramp Up
- Ramp Down
- Integrated Bypass Switching
- LED Indication of Fault, Run & Ready

Functions 202

- Initial Pedestal
- Ramp Up
- Ramp Down
- Integrated Bypass Switching
- Current Limit
- Overload
- Excess Start Time
- Phase Rotation
- LED Indication Of Fault, Run & Ready



Softdrive 200 Series is a simple, cost effective soft start for motors up to 110kW. 2 Ranges allow the user to choose between a basic product and a more advanced product with motor protection built in. Both ranges have internal bypass switching as standard resulting in compact sizing.

Current Amps	Power Rating	Product Code	Dimensions (H x W x D) mm	Adjustments	Relay Output	LED Indication
34	15	SAF201-015	203 x 98 x 165	Initial Pedestal Voltage Ramp Up Time Ramp Down Time	Run	Ready Run Fault
48	22	SAF201-022	203 x 98 x 165			
60	30	SAF201-030	203 x 98 x 165			
75	37	SAF201-037	215 x 145 x 193			
85	45	SAF201-045	215 x 145 x 193			
100	55	SAF201-055	215 x 145 x 193			
140	75	SAF201-075	240 x 202 x 214			
170	90	SAF201-090	240 x 202 x 214			
200	110	SAF201-110	240 x 202 x 214			

Current Amps	Power Rating	Product Code	Dimensions (H x W x D) mm	Adjustments	Relay Output	LED Indication
34	15	SAF202-015	203 x 98 x 165	% Motor FLC % Current / Ramp Time % Current Limit Ramp Down Time Motor Trip Class Phase Protection Excess Start Time	Run Trip	Ready Run Fault
48	22	SAF202-022	203 x 98 x 165			
60	30	SAF202-030	203 x 98 x 165			
75	37	SAF202-037	215 x 145 x 193			
85	45	SAF202-045	215 x 145 x 193			
100	55	SAF202-055	215 x 145 x 193			
140	75	SAF202-075	240 x 202 x 214			
170	90	SAF202-090	240 x 202 x 214			
200	110	SAF202-110	240 x 202 x 214			

Additional Information

Mains Supply -	3 x 200V AC - 3 x 440V AC (+10% / -15%)
Supply Frequency -	45 Hz - 66 Hz
Control Supply -	110V - 240V (+10% / -15%) or 380 - 440V AC (+10% / -15%)
Degree Of Protection -	SAF 201/202 015 to 055 IP20 SAF 201/202 075 to 110 IP00
Humidity -	95%
Operating Temperature -	-10°C to 60°C with derating up to 40°C STD
Short Circuit Ratings -	SAF 201/202 015 to 037 5kA SAF 201/202 045 to 110 10kA

Short circuit ratings are in accordance with IEC60947-4-2

High speed fuses are used to protect against short circuit.

Soft Starts are therefore available with Type 2 co-ordination utilising the following fuses.

Soft Start Product Code	Fuse Rating	Fuse Product Code (Fuses & Holders)
SAF201/202-015	80 Amps	FS80
SAF201/202-022	100 Amps	FS100
SAF201/202-030	160 Amps	FS160
SAF201/202-037	160 Amps	FS160
SAF201/202-045	200 Amps	FS200
SAF201/202-055	250 Amps	FS250
SAF201/202-075	315 Amps	FS315
SAF201/202-090	400 Amps	FS400
SAF201/202-110	400 Amps	FS400

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