

SSW900 Soft Starters Selection Chart

Treat trip classes 2 and 5 as though they are 10 for this series starter

Temp Uprate %:

Frame Sizes A-D: No temperature uprating required up to maximum temp of 55 °C (131°F)

Frame Sizes E & F: Max 104 °F (40 °C) without uprating. Uprate current by 2% for every 1°C rise above 40 °C (104 °F), to max. 55 °C (131 °F)

Altitude Uprating %: above 1000m uprate current by 1% per 100m (328ft) to a maximum altitude of 4000m (6562ft)

Max Starts per hour is shown in the chart - no uprating required.

Perform Current lookup below using Effective Current = Given Current + Given Current(Temp Uprate %) + Given Current(Altitude Uprate %)

If the given starts-per-hour is below the Max-Starts-per-Hour-w/o-Fan, then the fan is considered optional.

If the given starts-per-hour is below the Max-Starts-per-Hour-with-Fan, then the fan is required.

If the given starts-per-hour is above the Max-Starts-per-Hour-with-Fan, then soft-starter may not be specified/returned

Return the first result (Part Number) with enough current and starts-per-hour that meets all the other criteria

Also return any recommended or required fan for that soft starter

Maximum Current (Amps)	208VAC 3Ph	230VAC 3Ph	460VAC 3Ph	575VAC 3Ph	Wiring	Trip Class	Max Starts/Hour w/o Fan	Fan	Max Starts/Hour with Fan	Frame Size	Part Number
10	N	Y	Y	Y	inline	10	10			A	SSW900A0010T5E2B
17	N	Y	Y	Y	inline	10	10			A	SSW900A0017T5E2B
24	N	Y	Y	Y	inline	10	10			A	SSW900A0024T5E2B
30	N	Y	Y	Y	inline	10	10			A	SSW900A0030T5E2B
30	N	Y	Y	Y	inline	10	10			A	SSW900A0030T5E2B
45	N	Y	Y	Y	inline	10	1	SSW0708900-KVT-2B	10	B	SSW900B0045T5E2B
61	N	Y	Y	Y	inline	10	1	SSW0708900-KVT-2B	10	B	SSW900B0061T5E2B
85	N	Y	Y	Y	inline	10	1	SSW0708900-KVT-2B	10	B	SSW900B0085T5E2B
85	N	Y	Y	Y	inline	10	1	SSW0708900-KVT-2B	10	B	SSW900B0085T5E2B
105	N	Y	Y	Y	inline	10	1	SSW0708900-KVT-2B	10	B	SSW900B0105T5E2B
130	N	Y	Y	Y	inline or delta	10	1	SSW0708900-KVT-3C	10	C	SSW900C0130T5E2B
171	N	Y	Y	Y	inline or delta	10	1	SSW0708900-KVT-3C	10	C	SSW900C0171T5E2B
200	N	Y	Y	Y	inline or delta	10	1	SSW0708900-KVT-3C	10	C	SSW900C0200T5E2B
255	N	Y	Y	Y	inline or delta	10	10			D	SSW900D0255T5E3B
312	N	Y	Y	Y	inline or delta	10	10			D	SSW900D0312T5E3B
365	N	Y	Y	Y	inline or delta	10	10			D	SSW900D0365T5E3B
412	N	Y	Y	Y	inline or delta	10	10			D	SSW900D0412T5E3B
480	N	N	Y	Y	inline or delta	10	5			E	SSW900E0480T5E3B
604	N	N	Y	Y	inline or delta	10	5			E	SSW900E0604T5E3B
670	N	N	Y	Y	inline or delta	10	5			E	SSW900E0670T5E3B
820	N	N	Y	Y	inline or delta	10	5			F	SSW900F0820T5E3B
950	N	N	Y	Y	inline or delta	10	5			F	SSW900F0950T5E3B
10	N	Y	Y	Y	inline	20	6			A	SSW900A0010T5E2B
17	N	Y	Y	Y	inline	20	6			A	SSW900A0017T5E2B
24	N	Y	Y	Y	inline	20	6			A	SSW900A0024T5E2B
30	N	Y	Y	Y	inline	20	6			A	SSW900A0030T5E2B
30	N	Y	Y	Y	inline	20	6			B	SSW900B0045T5E2B
45	N	Y	Y	Y	inline	20	1	SSW0708900-KVT-2B	10	B	SSW900B0061T5E2B
61	N	Y	Y	Y	inline	20	1	SSW0708900-KVT-2B	10	B	SSW900B0061T5E2B
85	N	Y	Y	Y	inline	20	1	SSW0708900-KVT-2B	10	B	SSW900B0085T5E2B
85	N	Y	Y	Y	inline	20	1	SSW0708900-KVT-2B	10	B	SSW900B0105T5E2B
105	N	Y	Y	Y	inline	20	1	SSW0708900-KVT-2B	10	B	SSW900B0105T5E2B
130	N	Y	Y	Y	inline or delta	20	1	SSW0708900-KVT-3C	10	C	SSW900C0171T5E2B
171	N	Y	Y	Y	inline or delta	20	1	SSW0708900-KVT-3C	10	C	SSW900C0171T5E2B
200	N	Y	Y	Y	inline or delta	20	1	SSW0708900-KVT-3C	10	D	SSW900D0255T5E3B
255	N	Y	Y	Y	inline or delta	20	6			D	SSW900D0312T5E3B
312	N	Y	Y	Y	inline or delta	20	6			D	SSW900D0365T5E3B
365	N	Y	Y	Y	inline or delta	20	6			D	SSW900D0412T5E3B
412	N	Y	Y	Y	inline or delta	20	6			E	SSW900E0604T5E3B
480	N	N	Y	Y	inline or delta	20	5			E	SSW900E0604T5E3B
604	N	N	Y	Y	inline or delta	20	5			E	SSW900E0670T5E3B
670	N	N	Y	Y	inline or delta	20	5			F	SSW900F0820T5E3B
820	N	N	Y	Y	inline or delta	20	5			F	SSW900F0950T5E3B
10	N	Y	Y	Y	inline	30	4			A	SSW900A0010T5E2B
17	N	Y	Y	Y	inline	30	4			A	SSW900A0017T5E2B
24	N	Y	Y	Y	inline	30	4			A	SSW900A0024T5E2B
30	N	Y	Y	Y	inline	30	4			A	SSW900A0030T5E2B

30	N	Y	Y	Y	inline	30	4			B	SSW900B0045T5E2B
45	N	Y	Y	Y	inline	30	1	SSW0708900-KVT-2B	10	B	SSW900B0061T5E2B
61	N	Y	Y	Y	inline	30	1	SSW0708900-KVT-2B	10	B	SSW900B0085T5E2B
85	N	Y	Y	Y	inline	30	1	SSW0708900-KVT-2B	10	B	SSW900B0085T5E2B
85	N	Y	Y	Y	inline	30	1	SSW0708900-KVT-2B	10	B	SSW900B0105T5E2B
105	N	Y	Y	Y	inline	30	1	SSW0708900-KVT-2B	10	C	SSW900C0171T5E2B
130	N	Y	Y	Y	inline or delta	30	1	SSW0708900-KVT-3C	10	C	SSW900C0171T5E2B
171	N	Y	Y	Y	inline or delta	30	1	SSW0708900-KVT-3C	10	C	SSW900C0200T5E2B
200	N	Y	Y	Y	inline or delta	30	1	SSW0708900-KVT-3C	10	D	SSW900D0255T5E3B
255	N	Y	Y	Y	inline or delta	30	4			D	SSW900D0312T5E3B
312	N	Y	Y	Y	inline or delta	30	4			D	SSW900D0365T5E3B
365	N	Y	Y	Y	inline or delta	30	4			E	SSW900E0480T5E3B
412	N	Y	Y	Y	inline or delta	30	4			E	SSW900E0604T5E3B
480	N	N	Y	Y	inline or delta	30	4			E	SSW900E0670T5E3B
604	N	N	Y	Y	inline or delta	30	4			F	SSW900F0820T5E3B