

# SSW900 Soft Starters Selection Chart

Any softstarter rated for Trip Class 10 in the chart below can also handle Trip Class 2 and Trip Class 5 applications with the same ratings

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