

- Sensorless Vector & V/Hz control
- Heat Sink Out the Back Mounting Option
- Fieldbus and Closed Loop Options
- HD operation: - 10 - 50°C
- IP00 / NEMA 1 (KIT)*



LSIS iS7

Easy to Use High Performance

230V: up to 100 HP (HD)

480V: up to 600 HP (HD)

NEMA 1	UL Three Phase ratings				UL Single Phase Ratings						Keypad Built-in	DC Reactor Built-in	EMC Filter Built-in	Frame Size	Width (inch)	Height (inch)	Depth (inch)	Net weight (lb)	
	Heavy Duty 150% for 60 seconds		Normal Duty 110% for 60 seconds		Heavy Duty (CT) Single Phase Input		HD (CT) 3 Phase Output Amps	Normal Duty (VT) Single Phase Input		ND (VT) 3 Phase Output Amps									
	HP	Amps	HP	Amps	HP	Amps	Amps	HP	Amps	Amps									
Three Phase 200 ~ 240 VAC (-15% ~ +10%)	SV0008IS7-2NOFD	1	5	2	8	0.5	4.3	2.6	0.75	6.8	4.1	NO	Y	Y	1	5.9 inch	11.2 inch	7.9 inch	12.1 lb
	SV0015IS7-2NOFD	2	8	3	12	0.75	6.9	4.0	1	10.6	6.0								
	SV0022IS7-2NOFD	3	12	5	16	1.5	11.2	6.2	2	14.9	8.2								
	SV0037IS7-2NOFD	5	16	7.5	24	2	14.9	8.1	3	21.3	12								
	SV0055IS7-2NOFD	7.5	24	10	32	3	22.1	12	5	28.6	16								
	SV0075IS7-2NOFD	10	32	15	46	5	28.6	16	7.5	41.2	23								
	SV0110IS7-2NOFD	15	46	20	60	7.5	44.3	24	10	54.7	31								
	SV0150IS7-2NOFD	20	60	25	74	10	55.9	31	10	69.7	38								
	SV185IS7-2NOFD	25	74	30	88	10	70.8	38	15	82.9	45								
	SV0220IS7-2NOFD	30	88	40	124	15	85.3	45	20	116.1	64								
	SV0300IS7-2SO	40	116	50	146	20	121	60	25	152	75								
	SV0370IS7-2SO	50	146	60	180	25	154	75	30	190	93								
	SV0450IS7-2SO	60	180	75	220	30	191	93	40	231	114								
	SV0550IS7-2SO	75	220	100	288	40	233	114	50	302	149								
SV0750IS7-2SO	100	288	125	345	50	305	149	60	362	178									
Three Phase 380 ~ 480 VAC (-15% ~ +10%)	SV0008IS7-4NOFD	1	2.5	2	4	0.5	2.2	1.4	0.75	3.7	2.2	NO	Y	Y	1	5.9 inch	11.2 inch	7.9 inch	12.1 lb
	SV0015IS7-4NOFD	2	4	3	6	0.75	3.6	2.1	1	5.7	3.2								
	SV0022IS7-4NOFD	3	6	5	8	1	5.5	2.8	2	7.7	4.1								
	SV0037IS7-4NOFD	5	8	7.5	12	2	7.5	4.1	3	11.1	6.1								
	SV0055IS7-4NOFD	7.5	12	10	16	3	11.0	6.1	5	14.7	8.1								
	SV0075IS7-4NOFD	10	16	15	24	5	14.4	8.1	5	21.9	12								
	SV0110IS7-4NOFD	15	24	20	30	7.5	22.0	12	7.5	26.4	16								
	SV0150IS7-4NOFD	20	30	25	39	10	26.6	16	10	35.5	20								
	SV0185IS7-4NOFD	25	39	30	45	10	35.6	20	15	41.1	23								
	SV0220IS7-4NOFD	30	45	40	61	15	41.6	23	20	55.7	31								
	SV0300IS7-4NOD	40	61	50	75	20	55.5	32	25	67.5	39								
	SV0370IS7-4NOD	50	75	60	91	25	67.9	39	30	81.7	47								
	SV0450IS7-4NOD	60	91	75	110	30	82.4	47	40	101.8	57								
	SV0550IS7-4NOD	75	110	100	152	40	102.6	57	50	143.6	78								
SV0750IS7-4NOD	100	152	125	183	50	143.4	78	60	173.4	94									
Three Phase 380 ~ 480 VAC (-15% ~ +10%)	SV0900IS7-4SOD	125	183	150	223	60	174.7	95	75	212.9	116	YES	YES	NO	10	20.1 inch	30.9 inch	16.7 inch	222.7 lb
	SV1100IS7-4SOD	150	223	200	264	75	213.5	116	100	254.2	138								
	SV1320IS7-4SOD	200	264	250	325	100	255.6	134	125	315.3	165								
	SV1600IS7-4SOD	250	325	300	370	125	316.3	166	150	359.3	189								
	SV1850IS7-4SOD	300	370	350	432	-	-	-	-	-	-								
	SV2200IS7-4SOD	350	432	400	547	-	-	-	-	-	-								
	SV2800IS7-4SOD	400	547	500	613	-	-	-	-	-	-								
	SV3150IS7-4SOD	500	613	600	731	-	-	-	-	-	-								
	SV3750IS7-4SOD	600	731	700	877	-	-	-	-	-	-								
	SV3750IS7-4SOD	600	731	700	877	-	-	-	-	-	-								

NEMA 12	UL Three Phase ratings				UL Single Phase Ratings						Keypad Built-in	DC Reactor Built-in	EMC Filter Built-in	Width (inch)	Height (inch)	Depth (inch)	Net weight (lb)
	Heavy Duty 150% for 60 seconds		Normal Duty 110% for 60 seconds		Heavy Duty (CT) Single Phase Input		HD (CT) 3 Phase Output Amps	Normal Duty (VT) Single Phase Input		ND (VT) 3 Phase Output Amps							
	HP	Amps	HP	Amps	HP	Amps	Amps	HP	Amps	Amps							
Three Phase 200 ~ 240 VAC (-15% ~ +10%)	SV0008IS7-2SP	1	5	N/A	0.5	4.3	2.6	0.75	6.8	4.1	YES	N/A	N/A	8.0 inch	16.5 inch	8.2 inch	14.8 lb
	SV0015IS7-2SP	2	8		0.75	6.9	4.0	1	10.6	6							
	SV0022IS7-2SP	3	12		1.5	11.2	6.2	2	14.9	8.2							
	SV0037IS7-2SP	5	16		2	14.9	8.1	3	21.3	12							
	SV0055IS7-2SP	7.5	24		3	22.1	12	5	28.6	16							
	SV0075IS7-2SP	10	32		5	28.6	16	7.5	41.2	23							
	SV0110IS7-2SP	15	46		7.5	44.3	24	10	54.7	31							
	SV0150IS7-2SP	20	60		10	55.9	31	10	69.7	38							
	SV0185IS7-2SP	25	74		10	70.8	38	15	82.9	45							
	SV0220IS7-2SP	30	88		15	85.3	45	20	116.1	64							
Three Phase 380 ~ 480 VAC (-15% ~ +10%)	SV0008IS7-4SP	1	2.5	N/A	0.5	2.2	1.4	0.75	3.7	2.2	YES	N/A	N/A	8.0 inch	16.5 inch	8.2 inch	14.8 lb
	SV0015IS7-4SP	2	4		0.75	3.6	2.1	1	5.7	3.2							
	SV0022IS7-4SP	3	6		1	5.5	2.8	1.5	7.7	4.1							
	SV0037IS7-4SP	5	8		2	7.5	4.1	3	11.1	6.1							
	SV0055IS7-4SP	7.5	12		3	11.0	6.1	3	14.7	8.1							
	SV0075IS7-4SP	10	16		5	14.4	8.1	5	21.9	12							
	SV0110IS7-4SP	15	24		7.5	22.0	12	7.5	26.4	16							
	SV0150IS7-4SP	20	30		10	26.6	16	10	35.5	20							
	SV0185IS7-4SP	25	39		10	35.6	20	10	41.1	23							
	SV0220IS7-4SP	30	45		15	41.6	23	15	55.7	31							