

# Variable Frequency Drive Chassis

LSis S100 Series Drives

Standard Design

IP20 and NEMA 1 Enclosures

LSis S100  
CONSTANT TORQUE

240V: 1/2 HP—20 HP  
480V: 1/2 HP—100 HP

## Standard Features for Base Model Includes:

- ① 1/2 HP—100 HP Ratings in Stock
- ② IP20 and NEMA 1 Enclosures
- ③ -10° C—50° C CT
- ④ Three-phase Input
- ⑤ Sensorless Vector & V/Hz Available
- ⑥ Main Capacitor and Fan Lifecycle Estimation
- ⑦ Peer to Peer Communications
- ⑧ Heat Sink Out of the Back Mounting Option
- ⑨ UL Plenum Rated
- ⑩ Two (2) Year Factory Warranty<sup>2</sup>



Multiplier Symbol	M105
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240V VFD	Constant Torque		DC	Key Pad	Frame	Dimensions (Inches)			List Price	
Model Number	HP <sup>1</sup>	Amps	Reactor	Built-In		H	W	D	IP20	NEMA 1 <sup>5</sup>
LSLV0004S100-2EONNS	0.5	2.5	No	Yes <sup>3</sup>	1	5.0	2.7	4.8	\$341	\$373
LSLV0008S100-2EONNS	1	5	No	Yes <sup>3</sup>	2	5.0	2.7	5.0	\$392	\$424
LSLV0015S100-2EONNS	1.5	8	No	Yes <sup>3</sup>	4	5.0	3.9	5.1	\$452	\$484
LSLV0015S100-2EONNS	2	8	No	Yes <sup>3</sup>	4	5.0	3.9	5.1	\$452	\$484
LSLV0022S100-2EONNS	3	11	No	Yes <sup>3</sup>	5	5.0	3.9	5.7	\$522	\$554
LSLV0040S100-2EONNS	5	17	No	Yes <sup>3</sup>	7	5.0	5.5	5.7	\$703	\$735
LSLV0055S100-2EONNS	7.5	24	No	Yes <sup>3</sup>	9	9.1	6.3	5.5	\$924	\$959
LSLV0075S100-2EONNS	10	32	No	Yes <sup>3</sup>	9	9.1	6.3	5.5	\$1,130	\$1,165
LSLV0110S100-2EONNS	15	46	No	Yes <sup>3</sup>	10	11.4	7.1	6.4	\$1,456	\$1,491
LSLV0150S100-2EONNS	20	60	No	Yes <sup>3</sup>	11	13.8	8.7	7.4	\$1,657	\$1,692

480V VFD	Constant Torque		DC	Key Pad	Frame	Dimensions (Inches)			List Price	
Model Number	HP <sup>1</sup>	Amps	Reactor	Built-In		H	W	D	IP20	NEMA 1 <sup>5</sup>
LSLV004S100-4EONNS	0.5	1.3	No	Yes <sup>3</sup>	1	5.0	2.7	4.8	\$497	\$529
LSLV0008S100-4EONNS	1	2.5	No	Yes <sup>3</sup>	2	5.0	2.7	5.0	\$589	\$621
LSLV0015S100-4EONNS	1.5	4	No	Yes <sup>3</sup>	4	5.0	3.9	5.1	\$653	\$685
LSLV0015S100-4EONNS	2	4	No	Yes <sup>3</sup>	4	5.0	3.9	5.1	\$653	\$685
LSLV0022S100-4EONNS	3	5.5	No	Yes <sup>3</sup>	5	5.0	3.9	5.7	\$712	\$744
LSLV0037S100-4EONNS	5	8	No	Yes <sup>3</sup>	7	5.0	5.5	5.7	\$731	\$763
LSLV0055S100-4EONNS	7.5	12	No	Yes <sup>3</sup>	9	9.1	6.3	5.5	\$954	\$989
LSLV0075S100-4EONNS	10	16	No	Yes <sup>3</sup>	9	9.1	6.3	5.5	\$1,155	\$1,190
LSLV0110S100-4EONNS	15	24	No	Yes <sup>3</sup>	10	11.4	7.1	6.4	\$1,531	\$1,566
LSLV0150S100-4EONNS	20	30	No	Yes <sup>3</sup>	10	11.4	7.1	6.4	\$1,858	\$1,893
LSLV0185S100-4EONNS	25	39	No	Yes <sup>3</sup>	11	13.8	8.7	7.4	\$2,124	\$2,159
LSLV0220S100-4EONNS	30	45	No	Yes <sup>3</sup>	11	13.8	8.7	7.4	\$2,221	\$2,256
LSLV0300S100-4CONDS	40	61	No	Yes <sup>4</sup>	12	17.7	10.8	11.2	\$3,785	\$3,855
LSLV0370S100-4CONDS	50	75	Yes	Yes <sup>4</sup>	13	20.1	12.8	11.2	\$4,421	\$4,469
LSLV0450S100-4CONDS	60	91	Yes	Yes <sup>4</sup>	13	20.1	12.8	11.2	\$5,177	\$5,225
LSLV0550S100-4CONDS	75	110	Yes	Yes <sup>4</sup>	14	21.7	12.8	12.2	\$6,117	\$6,165
LSLV0750S100-4CONDS	100	152	Yes	Yes <sup>4</sup>	14	21.7	12.8	12.2	\$6,335	\$6,383

<sup>1</sup> HP ratings are for reference only. Starter size is dependent on the nameplate Full Load Amps (FLA) rating of the motor.

<sup>2</sup> Please reference pp. 114—116 for electric motor controls warranty policy, or contact us at 800-884-0404 for assistance.

<sup>3</sup> LED Keypad (7-Segment).

<sup>4</sup> LCD Keypad.

<sup>5</sup> Price includes an IP20 Chassis and a NEMA 1 Conduit Kit.