www.lsis.com

LSLV C100

Compact Drive

0.1~2.2kW 1phase 200V
0.1~3.7kW 3phase 200V
0.4~7.5kW 3phase 400V

LS IS

C O N T E N T S

Compact 04
Convenient 06
Model & Type / Basic Specifications 08
Control 10
Connection Diagram 11
Terminal Function 12
Control Circuit Terminal 13
Keypad Usage & Function 14
Moving to Other Parameter Groups & Codes 15
Braking Resistors and Peripheral Devices 17
Dimensions 18

COMPACT DRIVE

LSLV C100

LSLV-C100 Provides Optimized Solution to Global Customers

LSLV-C100, the cost effective and easy-to-install, compact drive will enhance your machine performance

Compact Drive
LSLV-C100

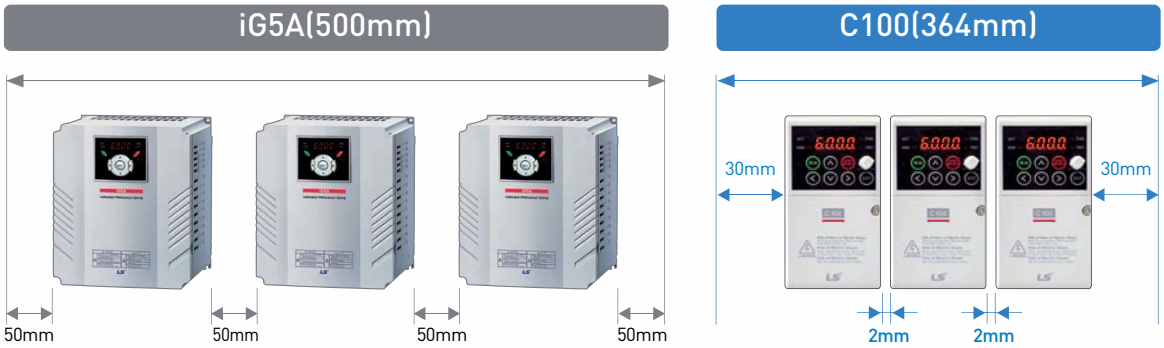
Features

COMPACT

No Need for 'Big Drives'.
Compact but Optimized LSLV-C100
Will do the Job

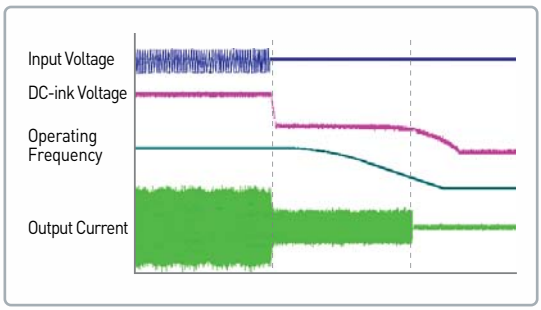
Side-by-Side Installation

The control can be significantly reduced thanks to C100's 'side-by-side' installation.



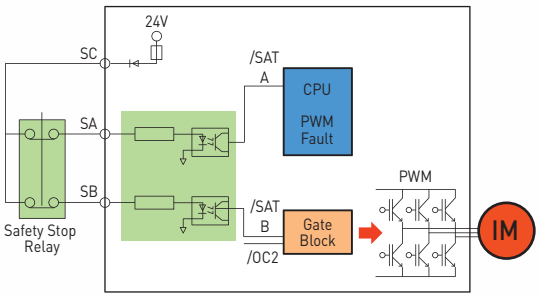
KEB for Safe Operating Stop in the Event of Power Failure

By using the regenerated power from the decelerating load, KEB function automatically protects machine by providing safe(controlled) braking in case of power outage.



Compliance with Safety Requirements

- If a machine needs safe standstill functionality in case of emergency, the connection of SA, SB, and SC terminals that is shorted normally will be opened to block the drive output.
- Easy to comply with safety requirements at system level by adding safe input functions complying with EN ISO 13849-1 PLd and EN 61508 SIL2 (EN60204-1, stop category 0)

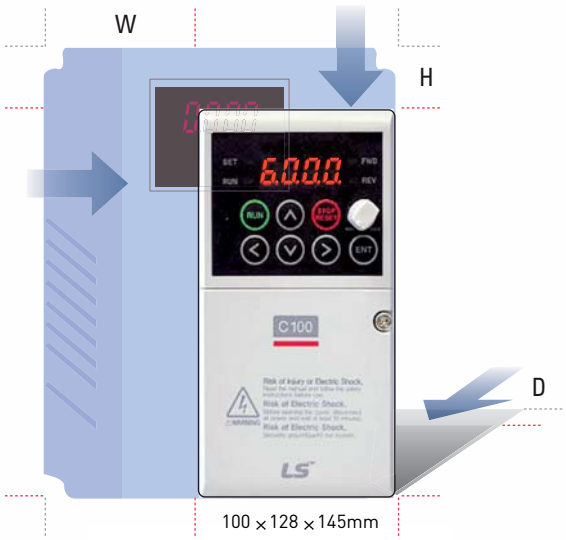


Note) Safety relay not included

Size Reduction

Volume size is reduced by up to 33% compared to existing products (iG5A) by arranging main components optimally using thermal analysis and 3D design

(Standard 0015C100-1/0022C100-2/0022C100-4)



33%

Size Reduction
Standard 200V 1.5kW

CONVENIENT

Simple Operation and Easy Maintenance
Features Enhance Customers' Convenience.

User Convenience by Simple Operation

Integrated Potentiometer

- Provides external potentiometer for easier frequency control
- Addtional 0~5V analog input for freqeuncy control

Easy Fan Maintenance

User can easily replace a fan without opening the drive cover

Dual Rating

Designed to Select Between Heavy and Light Load

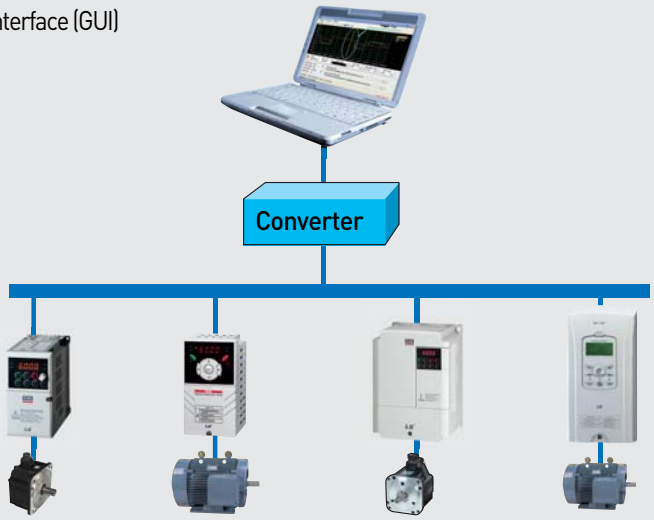
Overload Withstand	• Heavy load operation: 150% of rated current, 60 sec. • Light load operation: 100% of rated current, 60 sec.

PC-based Easy Maintenance of Drive/Motor Parameters

DriveView

Drive view software allows drive/System monitoring on a PC and easy maintenance of drive/Motor parameters

- Window based graphic user interface (GUI)
- LS-BUS, Modbus-RTU
- Connecting up to 31 drives
- Great reporting function
- Event logging
- Integrated control console
- Offline editing function
- Data upload/download
- 4-channel oscilloscope
- Trigger function



Note) Drive View sw available by 2014. Nov

Compact Drive
LSLV-C100

Model & Type / Basic Specifications

Power	1Phase 200V	3Phase 200V	3Phase 400V
0.1 kW	LSLV0001C100-1	LSLV0001C100-2	
0.2 kW	LSLV0002C100-1	LSLV0002C100-2	
0.4 kW	LSLV0004C100-1	LSLV0004C100-2	LSLV0004C100-4
0.8 kW	LSLV0008C100-1	LSLV0008C100-2	LSLV0008C100-4
1.5 kW	LSLV0015C100-1	LSLV0015C100-2	LSLV0015C100-4
2.2 kW	LSLV0022C100-1	LSLV0022C100-2	LSLV0022C100-4
3.7 kW		LSLV0037C100-2	LSLV0037C100-4
5.5 kW		LSLV0055C100-2	LSLV0055C100-4
7.5 kW		LSLV0075C100-2	LSLV0075C100-4

LSLV — LS Drive

0008 — Drive Rating

0001	0.1 [kW]
0002	0.2 [kW]
0004	0.4 [kW]
0008	0.75 [kW]
0015	1.5 [kW]
0022	2.2 [kW]
0037	3.7 [kW]
0055	5.5 [kW]
0075	7.5 [kW]

C100 — Type: General Drive

–

4 — Input Voltage

1	Single Phase 200~240[V]
2	Three Phase 200~240[V]
4	Three Phase 380~480[V]

[ ] — I/O Type

Blank	Standard
A	Remote

N

N	No Built-in EMC
F	With Built-in EMC

※Drives of capacity 0.1~7.5kW with EMC filter are under development
0.1~2.2kW-1 : release by May. 2015
0.4~7.5kW-4 : release by May. 2015

Input and Output Specifications : Single-phase Input Voltage (200V)

LSLV□□□□C100-1□		0001	0002	0004	0008	0015	0022
Applicable Motor[1]	[HP]	1/8	1/4	1/2	1	2	3
	[kW]	0.1	0.2	0.4	0.75	1.5	2.2
Output Ratings	Rated Capacity [kVA][2]	0.3	0.5	1.0	1.9	3.0	4.2
	Rated Current[A][3]	0.8	1.4	2.5	5.0	8.0	11
	Max. Output Frequency	400 [Hz][4]					
	Max. Output Voltage [V]	Three Phase 200 ~ 240V[5]					
Input Ratings	Rated Voltage [V]	Single Phase 200 ~ 240 VAC (-15% ~ +10%)					
	Rated Current[A]	1.4	2.8	5.5	11	14.1	24
	Rated Frequency	50 ~ 60 [Hz] (±5%)					
Cooling Type		Natural Cooling		Forced Cooling			
Weight of Drive [kg]		0.55	0.55	0.8	1.22	1.42	1.97

Input and Output Specifications : Three-phase Input Voltage (200V)

LSLV□□□□C100-2□			0001	0002	0004	0008	0015	0022	0037	0055	0075
Applicable Motor[1]	HD	[HP]	1/8	1/4	1/2	1	2	3	5	7.5	10
		[kW]	0.1	0.2	0.4	0.75	1.5	2.2	3.7	5.5	7.5
	ND	[HP]	1/4	1/2	1	1.5	3	4	5.4	10	15
		[kW]	0.2	0.4	0.75	1.1	2.2	3.0	4.0	7.5	11.0
Output Ratings	Rated Capacity [kVA][2]	HD	0.3	0.5	1.0	1.9	3.0	4.2	6.1	9.1	12.2
		ND	0.4	0.7	1.3	2.4	3.8	5.2	7.6	12.1	16.3
	Rated Current [A][3]	HD	0.7	1.5	2.0	5.8	7.5	11.0	18.9	22.1	28.6
		ND	1.1	1.8	3.1	6.3	10.0	12.0	18.0	30.0	40.0
	Max. Output Frequency		400 [Hz][4]								
	Max. Output Voltage [V]		Three Phase 200 ~ 240V[5]								
Input Ratings	Rated Voltage [V]		Three Phase 200 ~ 240 VAC (-15% ~ +10%)								
	Rated Current [A][3]	HD	0.7	1.5	2.0	5.8	7.5	11.0	18.9	22.1	28.6
		ND	1.1	1.9	3.9	7.3	10.8	13.9	24	28.6	41.2
	Rated Frequency		50 ~ 60 [Hz] (±5%)								
Cooling Type			Natural Cooling			Forced Cooling					
Weight of Drive [kg]			0.55	0.55	0.8	0.8	1.22	1.42	1.97	3.3	3.3

Input and Output Specifications : Three-phase Input Voltage (400V) Class

LSLV□□□□C100-4□			0004	0008	0015	0022	0037	0055	0075
Applicable Motor[1]	HD	[HP]	1/2	1.0	2.0	3.0	5.0	7.5	10.0
		[kW]	0.4	0.75	1.5	2.2	3.7	5.5	7.5
	ND	[HP]	1	1.5	3	4	5.4	10	15
		[kW]	0.75	1.1	2.2	3.0	4.0	7.5	11.0
Output Ratings	Rated Capacity [kVA][2]	HD	1.0	1.9	3.0	4.2	6.1	9.1	12.2
		ND	1.2	2.4	3.8	5.2	7.6	12.1	16.3
	Rated Current [A][3]	HD	1.25	2.5	4.0	5.5	8.0	12.0	16.0
		ND	2.0	3.1	5.1	6.9	10.0	16.0	23.0
	Max. Output Frequency		400 [Hz][4]						
	Max. Output Voltage [V]		Three Phase 380 ~ 480V[5]						
Input Ratings	Rated Voltage [V]		Three Phase 380 ~ 480 VAC (-15% ~ +10%)						
	Rated Current [A][3]	HD	1.8	3.2	4.4	6	10.4	11.0	14.4
		ND	2.1	4.3	5.9	8.1	14	14.7	21.9
	Rated Frequency		50 ~ 60 [Hz] (±5%)						
Cooling Type			Natural Cooling	Forced Cooling					
Weight of Drive [kg]			0.8	0.8	1.22	1.42	1.97	3.3	3.4

Note 1) Indicates the maximum applicable motor capacity when using a 4-pole standard motor of HIGEN.
Note 2) Rated capacity is based on 220V for 200V class and 440V for 400V class.
Note 3) When Carrier frequency setting (H39) is above 6kHz.
Note 4) The max. frequency setting range can be 120Hz when H40 is set to 3(Sensorless vector control)
Note 5) The maximum output voltage cannot be higher than the input voltage and it can be programmable below input voltage.

Compact Drive
LSLV-C100

Controller

Control

Control Type		V/F control, sensorless vector control
Frequency Precision Setting		Digital command: 0.01Hz Analog command: 0.06Hz (Max. frequency: 60Hz)
Frequency Precision		Operation by digital command: 0.01% of max. output frequency. Analog command operation: 0.1% of max. output frequency.
V/F Pattern		Linear, squared, user V/F
Overload Capacity		HD : 150%/ 1min; ND: 110%/ 1min
Torque Compensation		Manual/Auto torque compensation
Dynamic Torque 20% Braking	Max. Brake Torque	20%[1]
	Time/%ED	150%[2] when using optional DB resistor

Note 1) Average braking torque during Decel to stop a motor. Note 2) Refer to manual page 13-6 for DB resistor specification.

Operation

Operation Mode		Keypad / Terminal / Communication operation	
Frequency Setting		Analog type: 0 ~ 10[V], 0 ~ 20[mA] Digital type: Keypad Panel potentiometer	
Operational Functions		PID control, Up-Down operation, 3-wiring operation	
Input	P1 ~ P5 Multi-function Terminals (5 pcs) P1 ~ P5	Optional NPN / PNP	
		Functions: Forward/Reverse operation, emergency stop, fault reset, Jog operation, multi-step frequency – high, mid and low, multi-step Accel/ Decel- High, Mid, Low, DC braking at stop, 2nd motor select, Up/Down operation function (Increase/Decrease of frequency), 3-wire operation, External fault signal input (contact A/B), General operation switched during PID operation, 2nd Source, Analog hold, Accel/Decel stop, Up/Down Save Freq, jog forwards/reverse operation.	
Output	Multi-function Relay	Fault output and drive status output	Less than (N.O., N.C.) AC250V 1A, Less than DC 30V 1A
	Analog Output	0 ~ 10Vdc (less than 10mA): Choose among Output Freq, Output Current, Output Voltage, DC link selectable.	

Protective Function

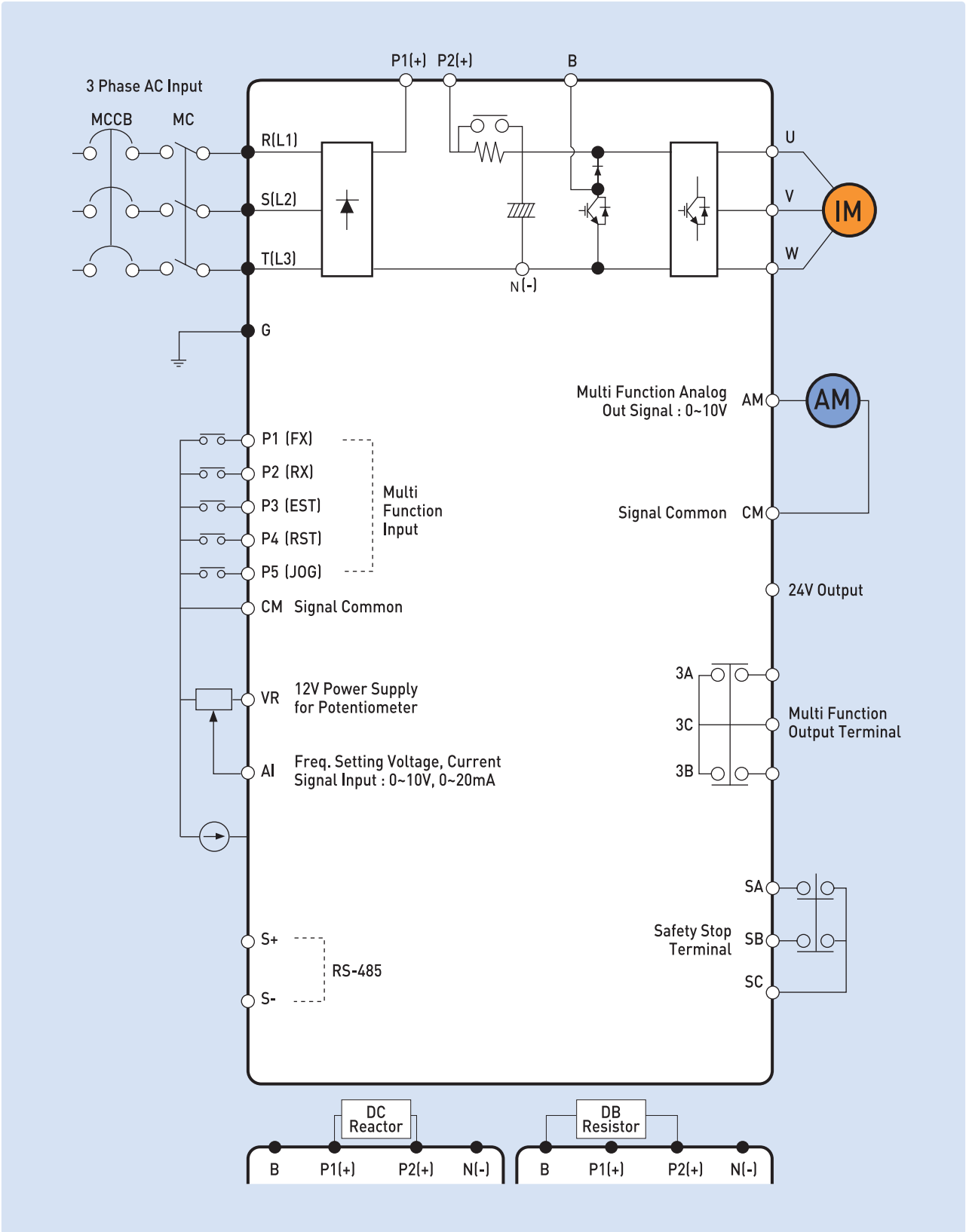
Faults	Over voltage, low voltage, over current, short circuit, ground current detection, drive overheat, motor overheat, input and output phase loss, overload protection, communication error, loss of frequency command, hardware fault, cool fan trip, brake error.
Alarm	Stall prevention, overload
Momentary Power Loss[1]	Below 16 msec: Continuous operation Above 16 msec: Auto restarting.

Note 1) the rated input voltage is 220V for 200V class, 440V for 400V class, and the rated input is subject to HD.

Structure and Application Environment

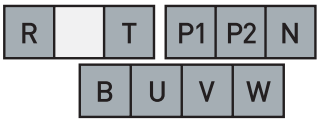
Protection Degree	Opening (IP 20)
Application Temperature	HD operation: - 10 ~ 50°C (no freezing) ND operation: - 10 ~ 40°C (no freezing) (But as for operation at 50°C, if the drive adopts VT (HD) load, it is recommended to use the load blow 80%).
Storage Temperature	-20°C ~ 65°C
Application Humidity	Below relative humidity 90% RH (no condensation)
Altitude/Vibration	Below 1000m, 5.9/sec^2 (0.6G)
Atmospheric Pressure	70~106 kPa
Installation Environment	There shall not be corrosive air, combustible gas, oil mist, dust and so on.

Connection Diagram

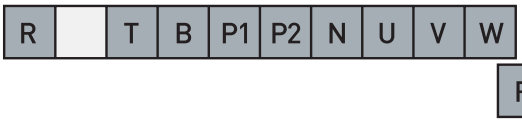


Terminal Function

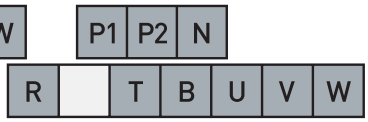
0.1kW~0.4kW(Single Phase 200V)



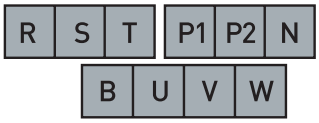
0.75kW~1.5kW(Single Phase 200V)



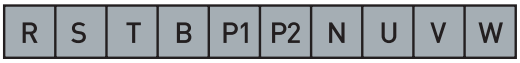
2.2kW(Single Phase 200V)



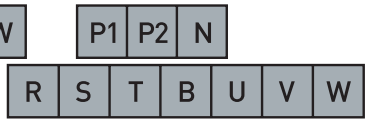
0.1kW~0.75kW(Three Phase 200V / 400V)



1.5kW~2.2kW(Three Phase 200V / 400V)



3.7kW(Three Phase 200V / 400V)

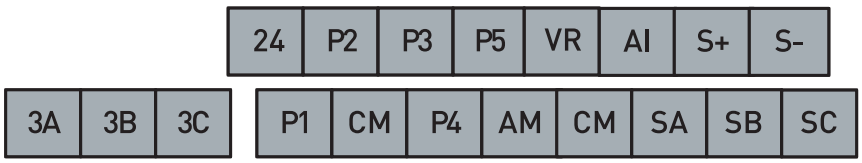


5.5kW~7.5kW(Three Phase 200V / 400V)

	R.S.T Size		U,V,W Size		Ground Size		Terminal Screw Size	Screw Torque (kgf.cm)/lb-in
	mm²	AWG	mm²	AWG	mm²	AWG		
LSLV0001C100-1	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0002C100-1	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0004C100-1	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0008C100-1	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0015C100-1	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0022C100-1	3.5	12	3.5	12	3.5	12	M4	15/13
LSLV0015C100-2	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0022C100-2	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0037C100-2	3.5	12	3.5	12	3.5	12	M4	15/13
LSLV0055C100-2	6	10	6	10	5.5	10	M4	15/13
LSLV0075C100-2	6	10	6	10	5.5	10	M4	15/13
LSLV0004C100-4	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0008C100-4	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0015C100-4	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0022C100-4	2	14	2	14	3.5	12	M3.5	10/8.7
LSLV0037C100-4	3.5	12	3.5	12	3.5	12	M4	15/13
LSLV0055C100-4	3.5	12	3.5	12	3.5	12	M4	15/13
LSLV0075C100-4	3.5	12	3.5	12	3.5	12	M4	15/13

Control Circuit Terminal

Control Terminal Specification



T/M	Terminal Description	Wire Size(mm²)		Screw Size	Torque [Nm]	Specification
		Single Wire	Stranded			
P1~P5	Multi-function input terminal P1-P5	1.0	1.5	M2.6	0.4	
CM	Common terminal	1.0	1.5	M2.6	0.4	
VR	Power supply for analog	1.0	1.5	M2.6	0.4	Output voltage: 12V, Max output current: 10mA Potentiometer:1 ~ 5kohm
AI	Analog (voltage and current) input terminal	1.0	1.5	M2.6	0.4	Input voltage:0~10V Input current:0 ~ 20mA, Internal resistance: 250 Ω
AM	Multi-function analog output terminal	1.0	1.5	M2.6	0.4	Max output voltage: 11[V], Max output current: 10mA
S+	RS485 communication terminal	1.0	1.5	M2.6	0.4	
S-	RS485 communication terminal	1.0	1.5	M2.6	0.4	
24	External 24V power supply	1.0	1.5	M2.6	0.4	Max output current: 100mA
3A	Multi-function relay output A	1.0	1.5	M2.6	0.4	AC 250V, less than 1A DC 30V, less than 1A
3B	Multi-function relay output B	1.0	1.5	M2.6	0.4	
3C	Multi-function relay common terminal	1.0	1.5	M2.6	0.4	
SA	Safe stop connection terminal A	1.0	1.5	M2.6	0.4	
SB	Safe stop connection terminal B	1.0	1.5	M2.6	0.4	
SC	Safety power supply (24V)	1.0	1.5	M2.6	0.4	

Note 1) Tie the control wires mote than 15cm away from the control terminals. Otherwise, it interferes front cover reinstallation.
Note 2) Use Copper wires rated 600V, 75°C and higher.
Note 3) Use the recommended tightening torque when securing terminal screws.

Compact Drive
LSLV-C100

Keypad Usage & Function

Alpha-numeric Table

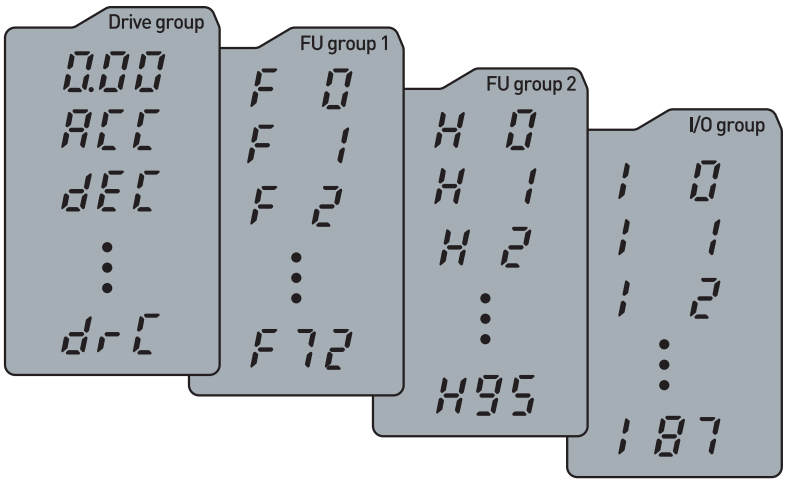
0	0	A	A	K	K	U	U
1	1	b	B	L	L	v	V
2	2	C	C	n	M	w	W
3	3	d	D	n	N	x	X
4	4	E	E	o	O	y	Y
5	5	F	F	P	P	z	Z
6	6	G	G	q	Q		
7	7	H	H	r	R		
8	8	I	I	S	S		
9	9	J	J	t	T		

Display	Key	Description	
RUN	RUN	Run command	
STOP RESET	STOP/RESET	STOP: Stop command during operation, RESET: Reset command when fault occurs.	
^	Up	Used to move parameter codes or increase parameter values	
v	Down	Used to move parameter codes or increase parameter values	
<	Left	Used to switch parameter groups or move the cursor to the left when the parameters are written.	
>	Right	Used to switch parameter groups or move the cursor to the right when the parameters are written.	
ENT	ENT	Used to read, write and keep the parameter values.	
	Volume	The keypad potentiometer V2 is used for frequency setting.	
FWD	Forward	Lit during forward run	Blinks when a fault occurs
REV	Reverse	Lit during reverse run	
RUN	Running	Lit during operation	
SET	Setting	Lit during parameter setting	
7-segment	Current Values	Operation data and parameter information are displayed.	

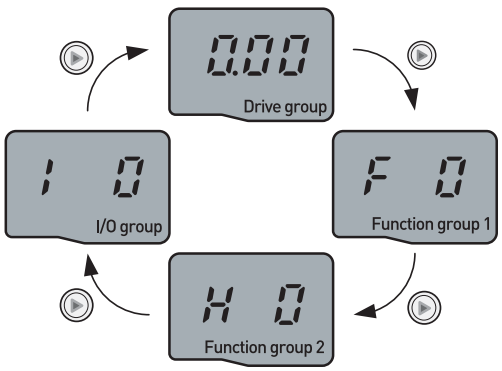
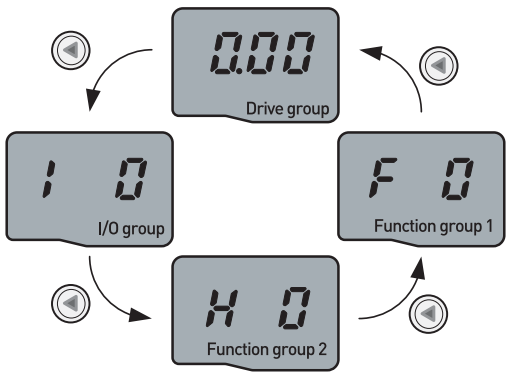
Moving to Other Parameter Groups & Codes

Moving to Other Parameter Groups

LSLV-C100 series product consists of the following four parameter groups.



Drive Group	Set Basic parameters necessary for drive operation, including target frequency, Accel/Decel time and so on.
Function Group 1	Set basic function parameters, such as adjustment of input frequency, voltage and so on.
Function Group 2	Set advanced function parameters, for example, set application functions such as PID operation, second motor operation and so on.
I/O (input/output) Terminal Function Group	Set multi-function input/ output terminals and analog input/output parameters.

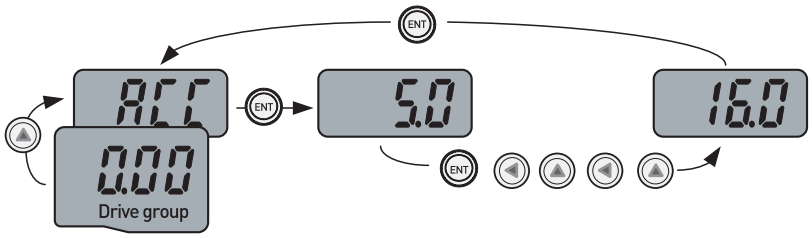
Moving to Other Parameter Groups Via the Right (▶) Key.	Moving to Other Parameter Groups Via the Left (◀) Key.
	

Note 1) Target frequency can be set at 0.0 (the 1st code of drive group). Even though the preset value is 0.0 while leaving factory, after setting of the target frequency, the changed frequency value will be displayed.

Moving to Other Parameter Groups & Codes

Parameter Setting in Drive Group

When Changing ACC Time From 5.0 sec to 16.0 sec

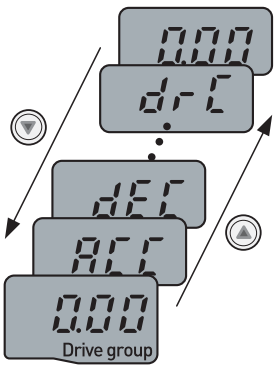


1	0.00	• The 1st code of the parameter group is displayed when the Power is applied • Press the Up (▲) key.
2	ACC	• The second code ACC of Drive group is displayed. • Press the ENT key.
3	5.0	• The default code is 5.0 and the cursor is in the digit 0. • Press the Left (◀) key once to move the cursor to the left.
4	5.0	• The digit 5 is active, and then the parameter value can be changed. • Press the Up (▲) key.
5	6.0	• The value is increased to 6.0. • Press the Left (◀) key to move the cursor to the left.
6	0.60	• 0.60 is displayed. The first 0 in 0.60 is active. • Press the Up (▲) key once.
7	16.0	• 16.0 is displayed. • Press the ENT key. • 16.0 is blinking 1) • Press the ENT key once again to return to the parameter name.
8	ACC	• ACC is displayed. Accel time is changed to 16.0

Pressing the Left (◀) or Right (▶) key while 16.0 is blinking will disable the setting.

Note 1) When the parameter value is changed, the blinking cursor means if any changed value is required, then Press the ENT key to complete the input of parameter change. Press any key of (◀)(▶)(▲)(▼) if any parameter change is cancelled.

Code Change in Drive Group



1	0.00	• The 1st code 0.00 of Drive group is displayed. • Press the Up (▲) key once.
2	ACC	• The 1nd code ACC of Drive group is displayed. • Press Up (▲) key once.
3	dEC	• The 1nd code dEE of Drive group is displayed. • Keep pressing the Up (▲) key until the last code appears.
4	drC	• The last code drC of Drive group is displayed. • Press the Up (▲) key again.
5	0.00	• Return to the first code of Drive group.

Use Down (▼) key for the reverse order.

Braking Resistors and Peripheral Devices

Braking Resistors

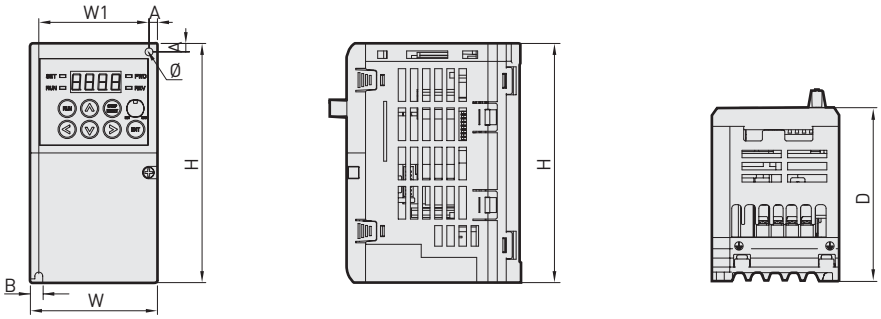
Supply Voltage	Inv [kW]	100% Braking		150% Braking	
		Resistance [W]	P*) [W]	Resistance [W]	P*) [W]
200V	0.1	1200	20	1000	20
	0.2	700	25	500	35
	0.4	400	50	300	100
	0.75	200	100	150	150
	1.5	100	200	60	300
	2.2	60	300	50	400
	3.7	40	500	33	600
	5.5	30	700	20	800
	7.5	20	1000	15	1200
400V	0.4	1800	50	1200	100
	0.75	900	100	600	150
	1.5	450	200	300	300
	2.2	300	300	200	400
	3.7	200	500	130	600
	5.5	120	700	85	1000
	7.5	90	1000	60	1200

Peripheral Devices

Input Voltage	Drive Model	ELCB	MC
1 Phase 200V	LSLV0001C100-1	EBS33c	MC-9a/9b
	LSLV0002C100-1	EBS33c	MC-9a/9b
	LSLV0004C100-1	EBS33c	MC-9a/9b
	LSLV0008C100-1	EBS33c	MC-9a/9b
	LSLV0015C100-1	EBS33c	MC-12a/12b
	LSLV0022C100-1	EBS33c	MC-18b
3 Phase 200V	LSLV0001C100-2	EBS33c	MC-9a/9b
	LSLV0002C100-2	EBS33c	MC-9a/9b
	LSLV0004C100-2	EBS33c	MC-9a/9b
	LSLV0008C100-2	EBS33c	MC-9a/9b
	LSLV0015C100-2	EBS33c	MC-12a/12b
	LSLV0022C100-2	EBS33c	MC-18b
	LSLV0037C100-2	EBS33c	MC-32a
	LSLV0055C100-2	EBS53c	MC-40a
	LSLV0075C100-2	EBS53c	MC-50a
3 Phase 400V	LSLV0004C100-4	EBS53c	MC-9a/9b
	LSLV0008C100-4	EBS53c	MC-9a/9b
	LSLV0015C100-4	EBS53c	MC-9a/9b
	LSLV0022C100-4	EBS53c	MC-12a/12b
	LSLV0037C100-4	EBS53c	MC-18b
	LSLV0055C100-4	EBS53c	MC-32a
	LSLV0075C100-4	EBS53c	MC-32a

Warning 1) MC(Magnetic Contactor) current is 1.5~2.0 times of Drive's rated current
2) MCCB should be used to protect overload and to avoid damage of installation from the fault current(C100 has the overload capacity of 150% for 1 min)

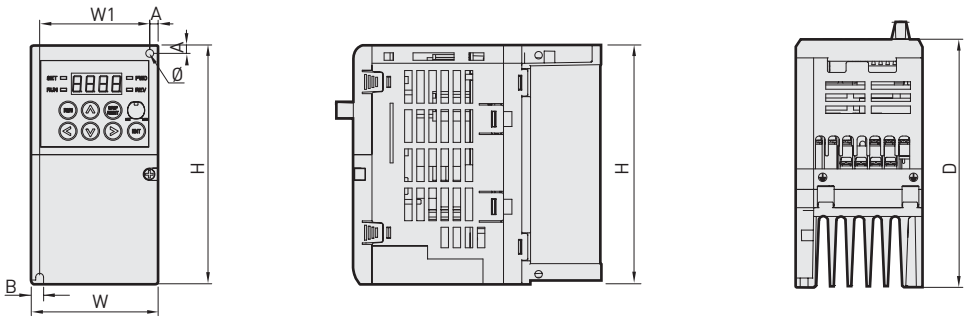
Dimensions



0001C100-1 / 0002C100-1 / 0001C100-2 / 0002C100-2

(unit : mm, kg)

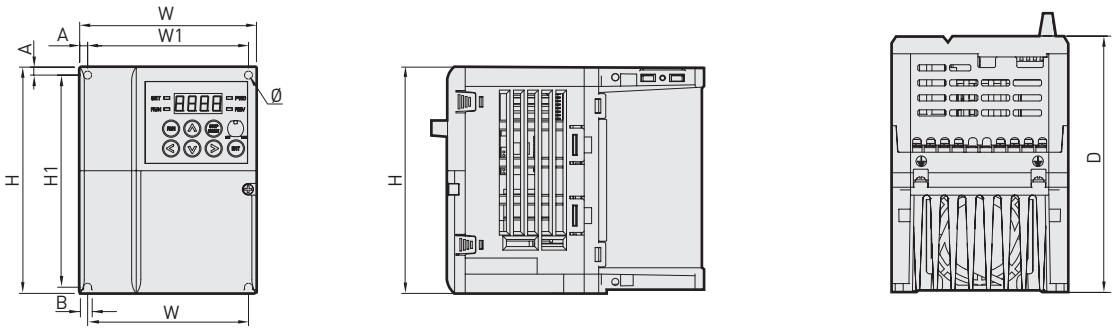
Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0001C100-1	68	63.5	128	124.5	93	4.2	4.5	4.2	0.55
LSLV0002C100-1	68	63.5	128	124.5	93	4.2	4.5	4.2	0.55
LSLV0001C100-2	68	63.5	128	124.5	93	4.2	4.5	4.2	0.55
LSLV0002C100-2	68	63.5	128	124.5	93	4.2	4.5	4.2	0.55



0004C100-1 / 0004C100-2 / 0008C100-2 / 0004C100-4 / 0008C100-4

(unit : mm, kg)

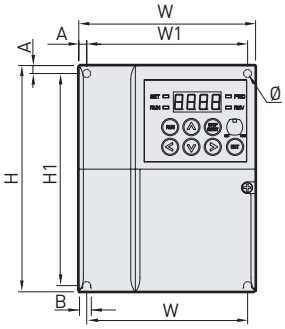
Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0004C100-1	68	63.5	128	124.5	128	4.2	4.5	4.2	0.8
LSLV0004C100-2	68	63.5	128	124.5	128	4.2	4.5	4.2	0.8
LSLV0008C100-2	68	63.5	128	124.5	128	4.2	4.5	4.2	0.8
LSLV0004C100-4	68	63.5	128	124.5	128	4.2	4.5	4.2	0.8
LSLV0008C100-4	68	63.5	128	124.5	128	4.2	4.5	4.2	0.8

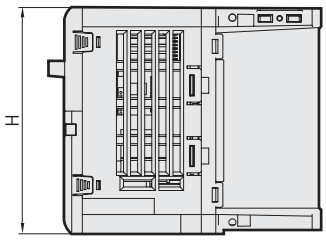


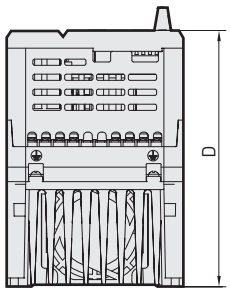
0008C100-1 / 0015C100-2 / 0015C100-4

(unit : mm, kg)

Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0008C100-1	100	91	128	120	130	4.5	4.5	4.5	1.22
LSLV0015C100-2	100	91	128	120	130	4.5	4.5	4.5	1.22
LSLV0015C100-4	100	91	128	120	130	4.5	4.5	4.5	1.22



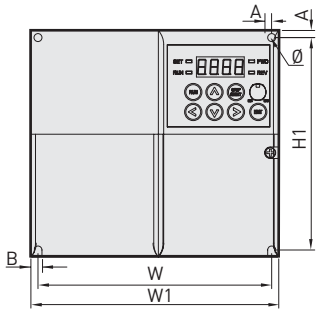


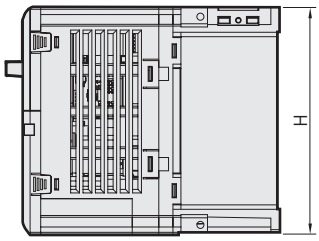


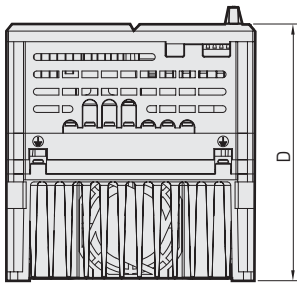
0015C100-1 / 0022C100-2 / 0022C100-4

(unit : mm, kg)

Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0015C100-1	100	91	128	120	145	4.5	4.5	4.5	1.42
LSLV0022C100-2	100	91	128	120	145	4.5	4.5	4.5	1.42
LSLV0022C100-4	100	91	128	120	145	4.5	4.5	4.5	1.42



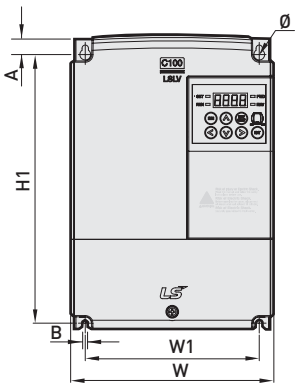


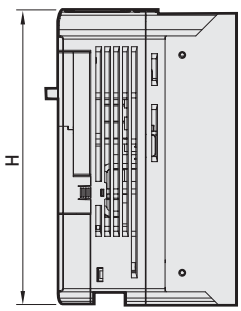


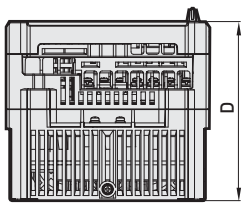
0022C100-1 / 0037C100-2 / 0037C100-4

(unit : mm, kg)

Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0022C100-1	140	132	128	120	145	4.5	4	4.5	1.97
LSLV0037C100-2	140	132	128	120	145	4.5	4	4.5	1.97
LSLV0037C100-4	140	132	128	120	145	4.5	4	4.5	1.97







0055C100-4 / 0075C100-4

(unit : mm, kg)

Drive Volume	W	W1	H	H1	D	Ø	A	B	kg
LSLV0055C100-2	160	137	232	216.5	141	5	10.5	5	3.3
LSLV0075C100-2	160	137	232	216.5	141	5	10.5	5	3.3
LSLV0055C100-4	160	137	232	216.5	141	5	10.5	5	3.3
LSLV0075C100-4	160	137	232	216.5	141	5	10.5	5	3.4

Safety Instructions

- For your safety, please read user's manual thoroughly before operating.
- Contact the nearest authorized service facility for examination, repair, or adjustment.
- Please contact qualified service technician when you need maintenance.
  Do not disassemble or repair by yourself!
- Any maintenance and inspection shall be performed by the personnel having expertise concerned.

LS IS Co., Ltd.

©2014.07 LSIS Co., Ltd. All Rights Reserved.

HEAD OFFICE

LS Tower, 127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-Do, 431-848, Korea

■ Europe & Middle East	Tel : 82-2-2034-4901	bonseongk@lsis.com
■ Africa	Tel : 82-2-2034-4967	sjleeq@lsis.com
■ Asia Pacific	Tel : 82-2-2034-4620	mswoo@lsis.com

Overseas Subsidiaries

- **LSIS(Shanghai) Co., Ltd. /CHINA**
  32nd Floor, International Corporate City, No.3000 NorthZhongshan Road,
  Putuo District, Shanghai, China, 200063
  Tel : 86-21-5237-9977(609) Fax : 86-21-5237-7189
- **LSIS(Wuxi) Co., Ltd./CHINA**
  102-A, National High & New Tech Industrial Development Area, Wuxi, Jiangsu, P.R. China
  Tel : 86-510-8534-6666~8005 Fax : 86-510-8534-4078 E-Mail : sojin@lsis.com
- **LS Hukai Electric(Hubei) Co., Ltd./CHINA**
  No. 100, Tanjiahe Road, Dianjun District, Yichang City, Hubei Province, P.R. China
  Tel : 86-717-667-7339 Fax : 86-717-667-7559 E-Mail : jaewoongh@lsis.com
- **LS-VINA Industrial Systems Co., Ltd./VIETNAM**
  Nguyen Khe, Dong Anh, Hanoi, Vietnam
  Tel : 84-4-6275-8055 Fax : 84-4-3882-0220
- **LSIS(ME) FZE/U.A.E.**
  LOB 19-205, JAFZA View Tower, Jebel Ali Free Zone, Dubai, United Arab Emirates
  Tel : 971-4-886-5360 Fax : 971-4-886-5361 E-Mail : shunlee@lsis.com
- **LSIS Europe B.V./NETHERLANDS**
  1st. Floor, Tupolevlaan 48, 1119NZ,Schiphol-Rijk, The Netherlands
  Tel : 31-20-654-1420 Fax : 31-20-654-1429 E-Mail : eropartner@lsis.com
- **LSIS Japan Co., Ltd./JAPAN**
  Tokyo Club Building 13F, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 100-0013
  Tel : 81-3-6268-8241 Fax : 81-3-6268-8240 E-Mail : jschuna@lsis.com
- **LSIS USA Inc./U.S.A.**
  2000 Millbrook Drive, Lincolnshire, Chicago, IL 60069, United States of America
  Tel : 1-847-941-8240 Fax : 1-847-941-8259

Specifications in this catalog are subject to change without notice due to continuous product development and improvement.

Overseas Branches

- **LSIS Shanghai Office/CHINA**
  R32nd Floor, International Corporate City, No.3000 NorthZhongshan Road, Putuo District, Shanghai, China, 200063
  Tel : 86-21-5237-9977(702) Fax : 86-21-5237-7189
- **LSIS Beijing Office/CHINA**
  Room 2306, Building B Landgent Center, No.24 Middle Road, East 3rd Ring Road, Chaoyang District, Beijing, P.R. China
  Tel : 86-10-5761-3127 Fax : 86-10-5761-3128 E-Mail : htroh@lsis.com
- **LSIS Guangzhou Office/CHINA**
  RRoom 1818-1820, Xinyuan Building,NO.898 Tianhe North Road, Tianhe District, Guangzhou, P.R China
  Tel : 86-20-8326-6784 Fax : 86-20-8326-6287 E-Mail : htroh@lsis.com
- **LSIS Qingdao Office/CHINA**
  Room 2001, Galaxy Building, 29 ShanDong Road, ShiNan District, QingDao, ShanDong, P.R. China
  Tel : 86-532-8501-6058 Fax : 86-532-8501-6057 E-Mail : htroh@lsis.com
- **LSIS Chengdu Office/CHINA**
  Room1710, 17/F Huamin Empire Plaza, NO.1 Fuxin Road, Chengdu, P.R. China
  Tel : 86-28-8670-3201 Fax : 86-28-8670-3203 E-Mail : yangcf@lsis.com
- **LSIS ShenYang Office/CHINA**
  Room 803, Hongyuan Building, 52 South Nanjing Road,Heping District, Shenyang, P.R. China
  Tel : 86-24-2321-9050 Fax : 86-24－8386-7210 E-Mail : yangcf@lsis.com
- **LSIS Jinan Office/CHINA**
  Room 317, Chuangzhan Center, No. 201, Shanda Road, Lixia District, Jinan, Shandong, P. R. China
  Tel : 86-531-8699-7826 Fax : 86-531-8697-7628 E-Mail : yangcf@lsis.com
- **LSIS Tokyo Office/JAPAN**
  Tokyo Club Building 13F, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 100-0013
  Tel : 81-3-6268-8241 Fax : 81-3-6268-8240
- **LS-VINA Industrial Systems Hochiminh Office/VIETNAM**
  Gema Dept Tower 18F, 6 Le Thanh Ton, District 1, HCM, Vietnam
  Tel : 84-8-3823-7890 E-Mail : sjbaik@lsis.com
- **LSIS Detroit Office/U.S.A.**
  5700 Crooks Rd, Suite 211, Troy, MI 48098, United States of America
  Tel : 1-248-792-2637~8 Fax : 1-248-792-2642 E-Mail : sylee@lsis.com
- **LSIS Gurgaon Office/INDIA**
  109 First Floor, Park Central, Sector-30, Gurgaon- 122 002, Haryana, India
  Tel : 91-1244-930-077 Fax : 91-1244-930-066 E-Mail : hwyim@lsis.com
- **LSIS Moscow Office/RUSSIA**
  123610, Krasnopresnenskaya, nab., 12, building 1, office ¢‡1005, Moscow, Russia
  Tel : 7-495-258-1466/1467 Fax : 7-495-258-1466/1467 E-Mail : jdpark1@lsis.com
- **LSIS U.K Office/United Kingdom**
  G17 Bedford I-Lab, Stannard Way, Priory Business Park, Bedford, MK44 3RZ, U.K.
  Tel : 44-012-3483-4774 Fax : 44-012-3483-4775

2014. 10

Compact Drive LSLV-C100 (E)_2014.07 / (02) 2014.10 Printed in Korea_HumanPower