



Compact size

Downsizing of instruments and machines with
44X130X82mm (2A)

Simple and quick installation

DIN rail type installable single-handedly

Trustworthiness

Parts with proven quality by LS PLC
Double-faced PCB design

Solid operation in extreme conditions

Usable over a wide temperature range (-25~80°C)

Switched Mode Power Supply LSP Series

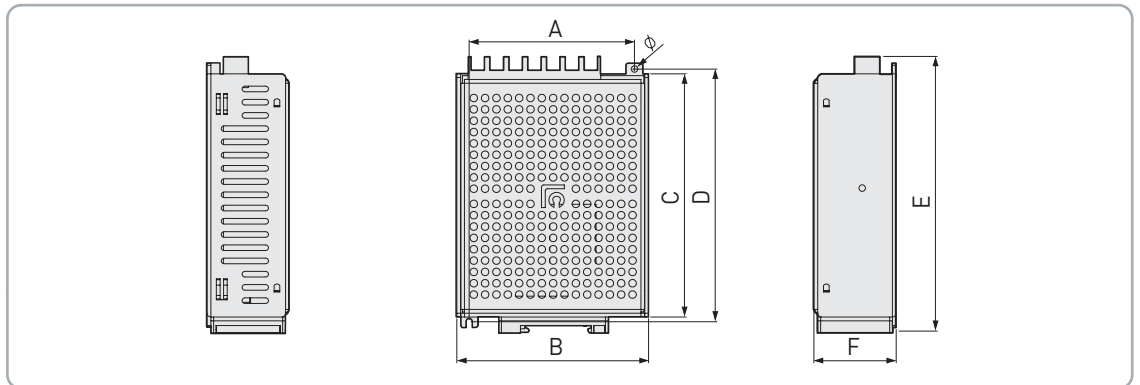
LSP Series

Specifications

Item	Description	
Ambient temperature / humidity	-10℃~55℃, 5~95%RH, (Non-condensing)	
Storage temperature / humidity	-25℃~80℃, 5~95%RH, (Non-condensing)	
Noise resistance	Square wave impulse noise	AC: $\pm 1,500V$
	Electrostatic discharge	$\pm 4kV$
	Fast transient & burst noise	2kV
Operating ambience	Free from corrosive gases and excessive dust	
Altitude	Up to 2,000m	
Pollution degree	Less than equal to 2	
Cooling	Air cooling	

Item	Description		
	LSP-48F24	LSP-72S24	LSP-120S24
Input voltage range	AC 100V-240V	AC 100-120V, AC 200-240V	
Input frequency	50/60Hz ±3Hz (47~63Hz)		
Input current	AC100V: 1.1A AC240V: 0.55A	AC100V: 1.6A AC240V: 0.8A	AC100V: 2.8A AC240V: 1.4A
Output voltage	24V ±2%		
Output voltage adjustment range	24V +5%		
Opout current	0~2A	0~3A	0~5A
Output Overload protection	Overload 110% rated current		
Leakage current	3mA max.		
Ripple noise voltage (at rated I/O)	200mVp-p max. / 400mVp-p max.		
Output hold time (at rated I/O)	More than 20ms(AC110V / 220V)		
MTBF (Mean Time Between Failure)	30,000h (45℃)		
Certification	UL, CE(LVD), CB		

Dimensions



Unit/mm	A	B	C	D	E	F	WEIGHT
LSP-48F24	70	83	113	118	130	44	350g
LSP-72S24	88	102	129	134	146	44	500g
LSP-120S24	112	127	147	154	164	49	740g

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Manufacturer :  LCK Electronics

Seller :  LSIS