LSP 32K
KONSTANTER LSP 100-18/-36/-72
Laboratory Power Supplies

3-349-254-03
5/12.06

- Floating output with safety jacks
- Safe electrical separation
- Output can be switched on and off
- Voltage and current regulating (square wave)
- Adjustment via rotary encoder and keypad
- Multifunctional LCD panel
- Setup memory for 10 device settings
- Protective functions
- Attractive design, benchtop instrument, suitable for mounting to a 19" rack
- Accessories
- Computer control possible via RS232 or RS485



Description

Series 32K LSP Konstanters are high precision DC power supplies for use in R&D, production, training and service applications. Three variants are available with approximately 100 W of output power.

The devices feature excellent regulating accuracy and minimal residual ripple, and outstanding ease of operation.

Order Number		K110A	K111A	K112A
Type		32K 18 R 5	32K 36 R 3	32K 72 R 1,5
Front panel output		1	1	1
Output voltage		0 ... 18 V	0 ... 36 V	0 ... 72 V
Output current		0 ... 5 A	0 ... 3 A	0 ... 1.5 A
Setting resolution	Voltage	1 mV at 0 ... 3.999 V	1 mV at 0 ... 3.999 V	1 mV at 0 ... 3.999 V
		10 mV at 4 ... 18 V	10 mV at 4 ... 36 V	20 mV at 4 ... 72 V
	Current	< = 1 mA		
Mains correction	Voltage	0.01% + 3 mV		
		0.02% + 10 mV		
	Current	0.02% + 8 mA		
Load correction	Voltage	0.02% + 20 mV	0.02% + 10 mV	0.02% + 10 mV
	Current	0.02% + 15 mA	0.02% + 10 mA	0.02% + 8 mA
Ripple (Voltage)		< 2 mVrms		
Mains Input		115 / 230 Vac		
		50 / 60 Hz		
Dimensions WxHxD (mm)		½ 19" 2 standard height units	approx. 215 / 100 / 280	
Weight		approx. 6 kg		

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