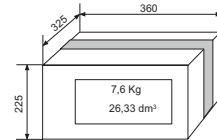
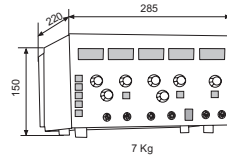




- EASY** : Direct digital display of voltage and current, even in the series or parallel mode.
- SURE** : Automatic disconnection each time the master and slave channel configuration is changed.
- COMPLETE** : Third channel with fixed or variable position and voltage or current display.
- EFFECTIVE** : I_{dc} adjustment independent of load.
- QUIET** : Silent temperature-controlled fan cooling.

200 WATTS

- 2 X 0 - 30V 0 - 3A or
- 1 X ± 0 - 30V 0 - 3A or
- 1 X 0 - 60V 0 - 3A or
- 1 X 0 - 30V 0 - 6A +
- 1 X 2 - 5,5V 3A or
- 1 X 5,5 - 15V 1A



Specifications

CHANNELS	MASTER AND SLAVE				AUXILIARY	
	Independent	Tracking	Series	Parallel	Variable	Variable
Configuration	Independent	Tracking	Series	Parallel	Variable	Variable
Output voltage	0 - 30V	± 0 - 30V	0 - 60V	0 - 30V	2 - 5,5V	5,5 - 15V
Minimum voltage	± 10mV	± 10mV	± 20mV	± 10mV	< 2V	-
Ripple (mV rms)	1mV	1mV	1mV	1mV	1mV	1mV
Load regulation from 0 to 100%	12mV	12mV	50mV	24mV	12mV	10mV
Line regulation from -6 to +7%	5mV	5mV	5mV	5mV	5mV	1mV
Internal resistance	4mΩ	4mΩ	16mΩ	4mΩ	4mΩ	4mΩ
Resp. for 10 to 90% load change	30μs	30μs	30μs	30μs	100μs	60μs
Display resolution	100mV	100mV	100mV	100mV	10mV	100mV
Display	14 mm 3 digit LED digital voltmeter					
Output current	0 - 3A	± 0 - 3A	0 - 3A	0 - 6A	3A	1A
Minimum current	10mA	10mA	10mA	20mA	-	-
Ripple (mA rms)	1mA	1mA	1mA	4mA	-	-
Load regulation from 0 to 100%	2mA	2mA	4mA	8mA	-	-
Line regulation from -6 to +7%	1mA	1mA	1mA	5mA	-	-
Display resolution	10mA	10mA	10mA	10mA	10mA	10mA
Display	14 mm 3 digit LED digital ammeter					

Power supplies A and B (master and slave)

- The Standby mode disconnects the output terminals. It is automatic upon a change of mode.
- The I_{dc} push-button shorts the output in the standby mode. It is used for setting I_{max}.
- Indicators : green LED for voltage regulation, red LED for current regulation.
- Display : automatic display switching depending on selected configuration.

AUXILIARY power supply

- The Display button switches the display between voltage and current.
- The voltage is continuously adjustable from 2 to 15V. The max current goes from 3A to 1A after 5,5V.

Protection

- Short circuit protection, by current regulation.
- Overtemperature protection, by temperature-controlled fan, thermal circuit-breaker and relay.
- Transformer primary overcurrent protection, by fuse.

Other specifications

- Safety : Class I, enhanced safety between mains input and outputs. Complies with EN 61010-1, overvoltage category II, pollution degree 2. Toroidal transformer, class II, complies with EN 61558-2-4.
- EMC : Complies with EN 61326-1, performance criteria B, and EN 55011, ISM Group I, Class B.
- Input voltage : 230V ±10%, 50 / 60 Hz.
- Mains input : EEC socket with 2 poles + earth cable
- Power consumption : 410 VA.
- Dielectric strength : 2300V between input, output and chassis.
- Outputs : safety terminals (VDE 0110 standard and BG certified), and safety inverted earth terminal.
- Presentation : screen-printed polycarbonate front panel, metalcase, epoxy finish.

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