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Find the *AEMC BR07* at our website: ***Click HERE***

Models AX502 & AX503





Optional lead set includes two color-coded leads, one ground lead (stripped), two alligator clips and two grip probes. ***Catalog #2117.78***

▶FEATURES

- Dual 0 to 30VDC/0 to 2.5A outputs
- 5.5V/5A output (Model AX503)
- Series and parallel operation permit 0 to 60V or 0 to 5A output
- Low noise (<1mV ripple) and stable linear technology for clean output
- High efficiency toroidal transformers: no fan and low electromagnetic emissions
- Active protection against overloads, short circuits and overheating
- Unique variable tracking mode for master/slave operation: slave or master track proportionally to the original setting
- Simultaneous display of voltage and current
- Highly visible green (V) and red (A) LED displays
- Compact design for bench tops
- Designed to EN 61010-1 safety standards

▶SPECIFICATIONS

MODELS	AX502	AX503
Number of Outputs	2	3
VOLTAGE		
Output 1 & 2	0 to 30VDC	0 to 30VDC
Output 3 (No display)	–	2.7 to 5.5VDC
Display Resolution	100mV	100mV
Basic Accuracy	±0.5% of Reading ±1ct	±0.5% of Reading ±1ct
Residual Ripple	±1mVrms	±1mVrms
LINE REGULATION		
±10% Line Voltage	±0.03% of Reading ±2mV	
LOAD REGULATION		
0 to 2.5A	±0.02% of Reading ±5mV	
0 to 5A	–	±0.2% Reading ±10mV
CURRENT		
Output 1 & 2	0 to 2.5A	0 to 2.5A
Output 3	–	5A max (no adjustment)
Resolution	10mA	10mA
Basic Accuracy	±0.5% of Reading ±1ct	±0.5% of Reading ±1ct
Limit Indicator	LED, Outputs 1 and 2	LED, Outputs 1, 2 and 3
Short-circuit Protection	Electronic current limitation with voltage shutdown	
Overheating Protection	Thermal protection	
OUTPUT COUPLING		
Tracking	Output 1: Master/Output 2: Slave Proportional Slave Tracking (0 to 100% of Master)	
Series Mode	0 to 60VDC/0 to 2.5A	
Parallel Mode	0 to 30VDC/0 to 5A	
Power Source	110V, 50/60Hz (220V optional)	

Models BR07 & BC05





▶FEATURES

- Capacitance and resistance decade boxes
- Rotary switch selector
- Stop position to prevent accidental switching from 10 to 0
- Male ground (earth) terminal with safety jack
- Outputs on Ø 4mm safety terminals
- Ground jumper lead EN 61010-2-03,150V CAT II, 50V CAT III, Pollution Degree 2
- Resistance ranges are 1Ω to 11.11111MΩ for BR07 and 0.1nF to 11.111µF for BC05

▶SPECIFICATIONS

DECADE	1	2	3	4	5	6	7
BR07	1 to 10Ω; Max current: 700mA	10 to 100Ω; Max current: 200mA	100Ω to 1kΩ; Max current: 70mA	1 to 10kΩ; Max current: 20mA	10 to 100kΩ; Max current: 7mA	100kΩ to 1MΩ; Max current: 1mA	1 to 10MΩ; Max current: 0.1mA
BC05	0.1 to 1nF	1 to 10nF	10 to 100nF	100nF to 1µF	1 to 10µF	–	–
MODELS	**BR07**				**BC05**		
Accuracy	±1%				±3% (low residual capacitance)		
Residual Capacitance	–				25pF (approx.)		
Max Operating Voltage	–				300VDC, 230VAC (50Hz)		

CATALOG NO.	DESCRIPTION
2130.06	DC Power Supply Model AX502 (Dual outputs, 0 to 2.5A; 0 to 30VDC; 110V, 50/60Hz)
2130.07	DC Power Supply Model AX503 (Triple outputs, two 0 to 2.5A; 0 to 30VDC; 5A; 2.7 to 5.5VDC; 110V, 50/60Hz)
2131.25	Resistance Decade Box Model BR07 (x1Ω, x10Ω, x100Ω, x1kΩ, x10kΩ, x100kΩ, x1MΩ, 1%)
2131.26	Capacitance Decade Box Model BC05 (x0, 1nF, x1nF, x10nF, x100nF, x1knF, 3%)
Accessories (Optional)	
2117.78	Lead – Set of 3, (2 Color-coded Safety Leads, 1 Ground Lead, 2 Color-coded Alligator Clips and 2 Color-coded Grip Probes) for Power Supply Models AX501-AX503
2131.35	Lead – Replacement, 6ft Safety Lead, 4mm Female to Female for use with Decade Boxes

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