

1-800-GRAINGER (472-4643)



Current Transformers and Shunts for Digital and Analog Panel Meters

CURRENT TRANSFORMERS

Produce a 5A output for each primary range.

SHUNTS

50mV shunts enable a digital or analog panel meter to indicate higher DC currents than with a self-contained internal shunt. Portable units are mounted in a phenolic base. Switchboard units mount directly onto a busbar.

Primary Range	Brand	Item No.
Solid Core Current Transformer		
0 to 50A	—	12G458
0 to 75A	—	12G459
0 to 100A	—	12G460
0 to 150A	—	12G461
0 to 200A	—	12G462
0 to 250A	—	12G463
0 to 300A	—	12G464
0 to 400A	—	12G465
0 to 500A	—	12G466
0 to 600A	—	12G467
External Portable Shunt		
5ADC	Simpson Electric	440G27
10ADC	—	12G450
Switchboard Shunt		
300ADC	Simpson Electric	440G34
500ADC	Simpson Electric	440G35



EXTECH INSTRUMENTS BK PRECISION ELECTRONIC TEST INSTRUMENTS

Single-Output DC Power Supplies

EXTECH

Each includes power cord.

5% to 100% Current Limits

6XAA3 and 6XAA5: Short circuit protection. Constant voltage or current. High load/line regulation. Banana plug output terminals. Low noise/ripple.

13X092: Dual-action voltage and current control with push-knob for fine and coarse tuning. Automatic constant current and constant voltage crossover. Remote control for output voltage/current and On/Off. 2 custom voltage and current presets and 13.8V/20A factory preset. Overvoltage, overtemperature, and short-circuit protection. High RFI immunity and excellent EMI.

B&K PRECISION

Constant Current

- Parallel or series connection
- Load regulation

2LUW9: Overload and short-circuit protection. Variable voltage output at continuous operation. Output selectable by slide switch.

2LUW7: Overcurrent, overvoltage, and overtemperature protection. Automatically recalculates voltage/current limits for each setting. Output On/Off control. 100W max. output.

0% to 100% Current Limits

- Reverse polarity and overload protection
- Parallel or series connection
- 16 programmable preset outputs
- In-case calibration
- Output On/Off control
- Selectable 10mV/10mA resolution
- Load regulation

Each includes RS-232-to-TTL cable and software.

5% to 100% Current Limits

- Reverse polarity, overload, thermal, and short-circuit protection, except 1T197 reverse polarity and overload only
- Load regulation
- 0 to 30V models offer constant voltage and current and parallel or series connection
- 0 to 60V and 0 to 35V models offer current limiting, constant current, or voltage operation



Output Volts (DC)	Output Current (A)	Input Voltage	Ripple Volts Regulation	Line Volts Regulation	Meter Type	Display	Mfr. Model	Item No.
Extech								
Current Limit - 5% to 100%								
0 to 18	0 to 3	115/230V ACVAC	0.5mV	0.1% + 3mV	Dual LCD	—	382202	6XAA3
0 to 30	0 to 1	115/230V ACVAC	0.5mV	0.1% + 3mV	Dual LCD	—	382200	6XAA5
	0 to 20	120V ACVAC	>5mVrms	20mV	Digital	Dual LED	382275	13X092
B&K Precision								
Constant Current - 1% to 100%								
3 to 15	0 to 40	120V ACVAC	10 mVrms	80mV (+/-10% variation)	2 Digital	3 Digit LED	1692	2LUW9
0 to 60	0 to 5	120/220V ACVAC	2.0 mVrms	0.01% + 3mV	2 Digital	4 Digit LED	9110	2LUW7
Constant Current Operation								
18	20	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1688B	46F062
30 to 60	Low Range: 3 ; High Range: 2	120/220V AC +/- to 10%VAC	1 mVrms	0.01% + 3mV	Digital	Dual LED	1737	46F063
35 to 60	Low Range: 0-10 ; High Range: 0-5	120/220V AC +/- to 10%VAC	1 mVrms	0.01% + 3mV	Digital	Dual LED	1747	46F064
36	10	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1687B	46F061
60	5	100 to 240 V ACVAC	≤5 mV	≤20mV	Digital	Dual LED	1685B	46F060
Current Limit - 0% to 100%								
0 to 30	0 to 3	110/240V ACVAC	≤5 mVrms	≤0.05% + 1mV	Digital	Dual 3 Digit LED	1670A	20FP71
1 to 32	0 to 30	120V ACVAC	≥5 mVrms	>or Equal To 20mV	2 Digital	3 Digit LED	1901B	49AF90
1 to 60	0 to 15	120V ACVAC	≥5 mVrms	>or Equal To 20mV	2 Digital	3 Digit LED	1902B	49AF91
5 to 150	0.04 to 10.4	100 to 240V ACVAC	>or Equal 10 mVrms	>or Equal 17mV	Digital	4 Digit VFD	XLN15010-GL	20VD78
60	25	110/220 VAC +/- to 10%VAC	≥20 mVp-p	>or Equal to 0.01% + 15 mV	Digital	Vacuum Fluorescent Display	9205B	794LC1
Automatically Recalculate Voltage and Current Limits								
150	10	110/220 VAC +/- to 10%VAC	≥50 mVp-p	>or Equal to 0.01% + 15 mV	Digital	Vacuum Fluorescent Display	9206B	794LC2
Current Limit - 5% to 100%								
0 to 30	0 to 3	120/240V ACVAC	≥1mV	>or Equal To 0.01% + 3mV	2 Digital	4 Digit LED	1735A	1T197
0 to 35	0 to 6	120/240V ACVAC	≥1mV	>or Equal To 0.2% + 2mV	2 Digital	4 Digit LED	1743B	3CE32
0 to 60	0 to 10	110/240V ACVAC	>1mVrms	>0.02% + 2mV	Digital	Dual 4 Digit LED	1745A	20FP73
	0 to 2	120/240V ACVAC	≥1mV	>or Equal To 0.01% + 3mV	2 Digital	4 Digit LED	1715A	3WF40
Accessory								
Test Lead Set, Includes 1 Pair of Each 48" Long Leads (Straight to Retractable Stacking Plug), Large Insulated Alligator Clips, Standard Alligator Clips with Rubber Boots, Spade Lug Adapter 6mm, Insulated Shrouded 4mm Banana Plug Adapters, and Remote Sensing Leads							TLPS	2LUY3