

CSW WORKING STANDARD SHUNTS

- **HIGH ACCURACY, RUGGED CONSTRUCTION**
- **RATED TO 100 % CURRENT**
- **INCLUDES ACCREDITED CALIBRATION**
- **LOW TEMPERATURE & POWER COEFFICIENTS**
- **DC AND AC (LOW FREQUENCY) USE**



In response to customer requests for working standard shunts, Ohm-Labs has developed a lower cost, moderate accuracy line of precision current shunts for working calibration applications.

The new line of CSW Working Standard Shunts feature many of the advantages of the CS-Series shunts, including low temperature and power coefficients, rating up to 100 % current with no loss of accuracy, immunity from connection variation errors, low inductance for ac use, ruggedness and long term reliability.

All CSW shunts are supplied with ISO17025 accredited calibration through their full current range.

Current connections are made with gold plated 5-way binding posts (up to 10 A), silicon-bronze threaded posts (15-100 A), or plated copper bus bars (300 A).

Potential connections are made with low thermal emf binding posts, which accept wire, banana plugs and spades.

All Ohm-Labs shunts are warranted for two years.

CSW Working Standard Shunts						
Model Number	Max Amps	Nominal Resistance	Voltage Output	Rated Power	Accuracy*	Physical
CSW-0.1	0.1	10 Ohms	1 V	0.1 W	<0.01 %	10x15x5 cm, 1 kg 4x6x2 in, 2 lbs
CSW-1	1	1	1 V	1	<0.01	
CSW-2	2	0.5	1 V	2	<0.02	
CSW-5	5	0.2	1 V	5	<0.02	
CSW-10	10	0.1	1 V	10	<0.025	
CSW-20	20	0.02	400 mV	8	<0.05	
Replacements for Legacy Leads & Northrup Shunts						
CSW-15	15	0.1	1.5 V	22.5	<0.0125 %	20x30x10 cm, 3 kg 8x12x4 in, 5 lbs
CSW-100	100	0.01	1 V	100	<0.03 %	15x20x7.5 cm, 3 kg 6x8x3 in, 6 lbs
CSW-300	300	0.001	300 mV	90	<0.03 % 0-100 A <0.05 % 100-300 A	30x15x7.5 cm, 4 kg 12x6x3 in, 8 lbs

* Stated accuracy includes 0-100 % current, 18-30 °C operating range, plus 12 months typical stability

