

604 series

current sense transformers

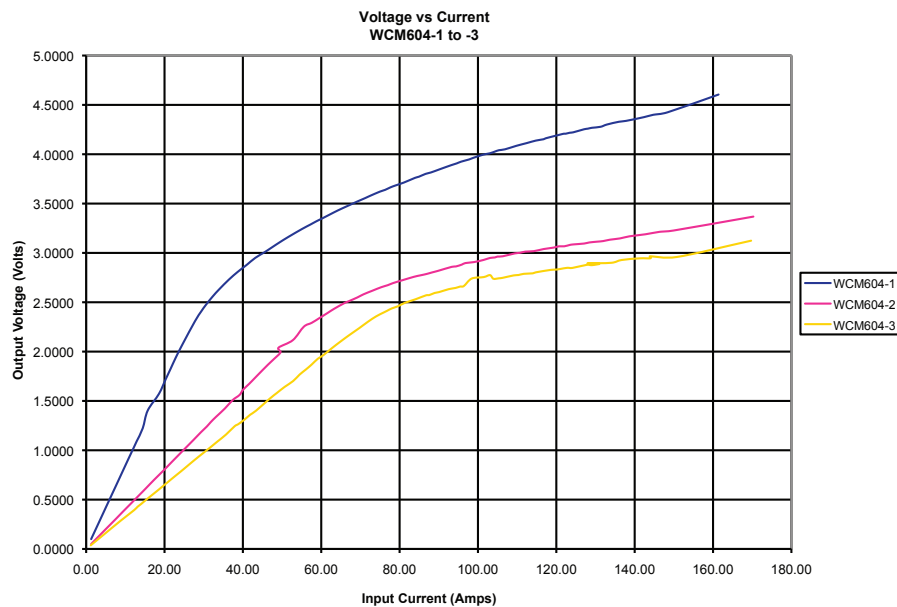
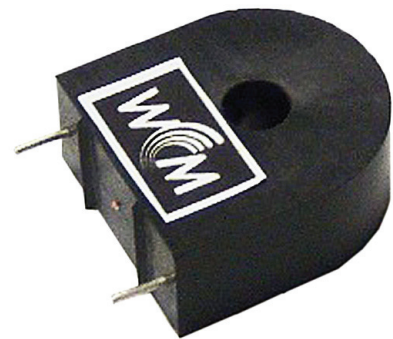
PRODUCT DESCRIPTION

West Coast Magnetics' 604 series current sense transformer is an ideal solution for current sensing up to 100 amps of rms current at frequency from 50 Hz to 1 kHz. This product is available in 250, 500 and 1000 turn versions and all generate a very high degree of accuracy. Isolation to meet or exceed any safety agency requirement can be achieved by the use of insulated wire for the single turn current winding.

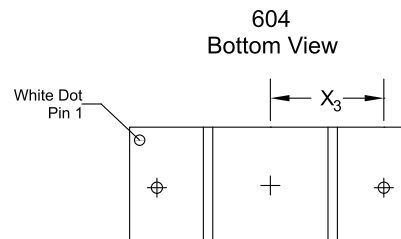
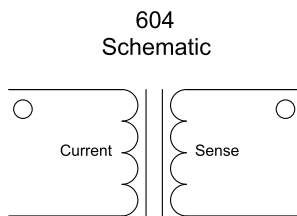
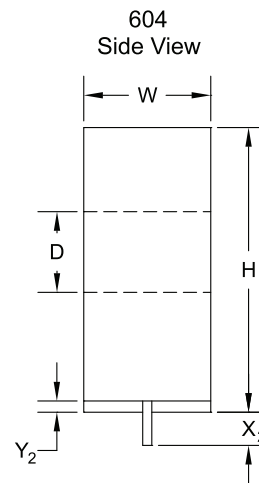
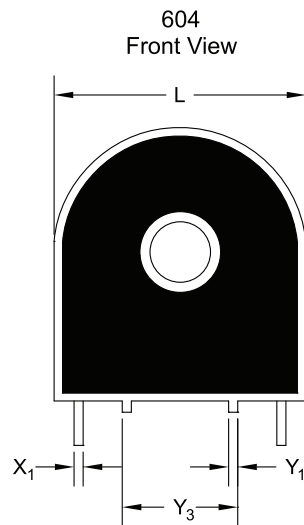
FEATURES & BENEFITS

High accuracy – 50 Hz to 1000 Hz operation – 100 amp continuous rating – High isolation

Product Code	Turns	Nominal DCR (Ω)	Recommended Burden Resistor (Ω)	Hypot (Vac)	RMS Rating (20°C)
604-1	250	9.0	20	3750	65 A
604-2	500	35.0	20	3750	77 A
604-3	1000	141.7	30	3750	77A



Dimensions: $\frac{\text{inches}}{\text{mm}}$



Product Code	L	W	H	D	X ₁	X ₂	X ₃	Y ₁	Y ₂	Y ₃
604	$\frac{0.870}{22.1}$	$\frac{0.420}{10.7}$	$\frac{0.985}{25.0}$	$\frac{0.218}{5.5}$	$\frac{0.032}{0.8}$	$\frac{0.180}{4.6}$	$\frac{0.350}{8.9}$	$\frac{0.030}{0.8}$	$\frac{0.032}{0.8}$	$\frac{0.430}{10.9}$