

TECHNICAL SPECIFICATION

General:

Dielectric Strength	3000 Volt 50Hz for 1 minute	
Environment	Indoor use only, altitude less than 2000m	
Temperature Range	-10°C to +50°C (-20°C to +70°C storage)	
Humidity	Max 80% RH at 30°C, reducing to 40% RH at 50°C	
Safety Class	Class III per EN61010-1	
Max Working Voltage	30 Volt rms	Bare Conductor
	600 Volt rms	Insulated Conductor
Protection Degree	IP20	
Jaw aperture	15 x 17 mm	
Dimensions	90 x 43 x 23 mm	
Weight	115 grams	
Output Terminals	4 mm Safety Sockets	
Clamps output impedance	100 Ω	

Measurement:

Nominal Input Current	I_{Nom}	5 Amp
Maximum Input Current	I_{Max}	50 Amp
Minimal Current	I_{Min}	20mA
Output Signal	U_{Out}	200mV = 1A
Typical accuracy	err	1%
Phase Error (I > 500mA)	Φ_{err}	< 6°
Frequency Range (err < 3%)	$f_{3\%}$	40 to 2000Hz

Typical Measurement Results (Measured at 50 Hz)

