

ULTRA SLIM FLEX CTs

ELECTRICAL SPECIFICATIONS	Switchable Ranges	1 to 100A, 1 to 1000A, 1 to 5000A
	Operating Limit	1 to 5000A
	Controls	Range is chosen from the recorder, PC, or PDA software.
	Power Source	Power is supplied by connection to PMI recorder. No external battery or other power source is required.
	Linearity	±0.05%
	Phase Shift	≤ ±0.5% at 50 to 60 Hz
	Frequency Range	8Hz to 10kHz
	Crest Factor (mid range)	100A and 1000A scale: 3.0 5000A scale: 1.6
PMI RECORDER CAPABILITY	Position Sensitivity	±1.5% 1 in from connector
MECHANICAL MATERIALS	iVS-3/600E may require firmware upgrade.	
ENVIRONMENTAL	Sensor Jacket	Polyurethane UL94V0
	Connector	FR Polypropylene UL94V0
	Cable Jacket	Polyurethane UL94V0
PHYSICAL DIMENSIONS	Operating Temperature	-20 to 135° F (-29 to 57° C)
	Altitude Operating	0 to 2000m, derated above 2000m
	Case Protection	Sensor and Module IP65 per IEC 529
ACCURACY	Min. Bending Radius	1 in (25.4 mm)
	Sensor Diameter	.310 in (7.9 mm)
	Connector Diameter	1.07 in max (27.2 mm)
	Sensor Output Cable Length	48 in (1.2 m)
WORKING VOLTAGE	± 1% of full scale	
SAFETY	Sensor	600V AC to earth
	Module	600V AC to earth
SAFETY	Double Insulated	
	Sensor	600V CAT IV
	Module	600V CAT III
SAFETY	Pollution Degree 2	



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