Digital Clamp Leaker

New 3CT method for AC leakage current measurements

Model MCL-4000F

This is new measuring method for AC leakage current measurement of three phase 3 wire or three phase 4 wire power system.
It is useful when working at the field where it is difficult to clamp the whole phase conductors.

FEATURES

- 3CT method enabled easy AC leakage current measurements with simple clamping of each phase conductors by 3 CTs or 4 CTs.
- Use 4 CTs for 3 phase 4 wire power system.
- Load current measurements for each phase conductor up to AC 800A.
- Filter rejection for high frequency noise.
- DC mV output for recorder.

SPECIFICATIONS

DISPAY UNIT

A/D conversion	: Dual slope integration mode
Display	: 3.5 digit LCD, max. reading of 1999
Sampling	: 2 times/sec.
Range	: AC 0～2000mA (Leakage current) AC 0～800A (Load current)
Accuracy	:±1.0% rdg ± 5 dgt
Filter	: Low pass filter(130Hz)
Data output	: DC100mV (for full scale)
Power supply	: 1.5V (AM-4,LR03 or AAA)×2
Operating temperature	: 0℃ to 40℃, 80%RH max. (Without condensation)
Storage temperature	: －10℃ to 60℃, 70%RH max. (Without condensation)
Size	: 130(W)×200(H)×38(D)mm
Weight	: Approx. 500g

CT SENSOR

Jaw opening capability	: 36mm ϕ
Lead cable length	: 3m
Magnetization of core	: Less than 10mA (for 100A input)
Applicable current	: Less than AC 800A
Limitation of circuit	: Less than AC 600V
Operating temperature	: 0℃ to 40℃, 80%RH max. (Without condensation)
Storage temperature	: －10℃ to 60℃, 70%RH max. (Without condensing)
Size	: 100(W)×130(H)×25(D)mm
Weight	: Approx. 420g
Power supply	: 1.5V (AM-4,LR03 or AAA)×2

Accessories	:Carrying case for 3 CT……1 Instruction manual……1 Batteries……2
Option	: Model MCL-4000F-NCT (Additional CT for 3 phase 4 wire power system)