

MULTI

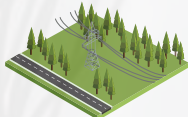
ALCL-80X

Leakage and Harmonics Current Measurements For Arrester

- Measurement Value
- Measurement time
- Temperature and humidity
- Measurement point



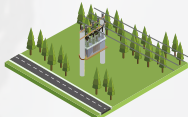
Substation



Transmission line



Railway



Distribution line

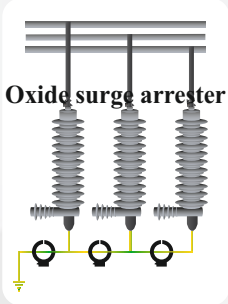
Simultaneous waveform current display of RMS/1st harmonics/3rd harmonics(planned)

Simultaneous measurement of RMS/1st harmonics/3rd harmonics each current values at a time

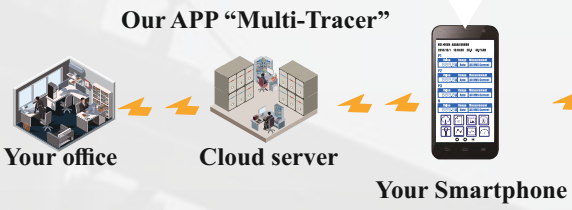
Diagnostic of the surge arrester healthiness



Simultaneous display of up to 4 measured values for 3 phase 4 lines



Oxide surge arrester



Or

Record/Hold data in 12 space for RMS/1st harmonics/3rd harmonics each current values of 3phase 4line

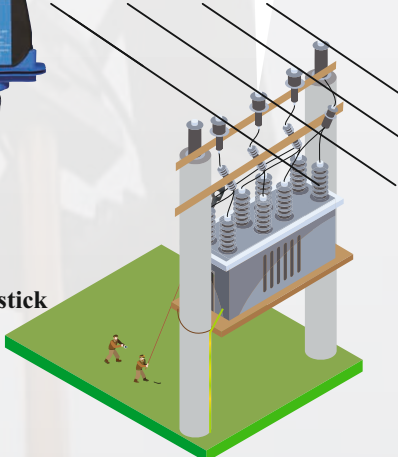


MDU-200X

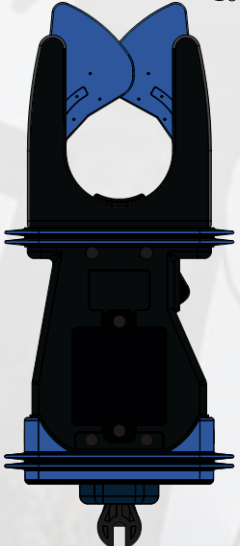
ALCL-80X



Your Hotstick



Note: Please contact the each Surge arrester manufacturers for the current threshold value when the Surge arrester deteriorates.



SPECIFICATIONS 1				
Range	1000μA	10mA	100mA	1000mA
Resolution	0.1μA	0.001mA	0.01mA	0.1mA
RMS measurement	±1.2%rdg ±8dgt			
Harmonics current	±2%rdg ±5dgt			
Range switch	Auto range			

SPECIFICATIONS 2	
Measuring function	AC Harmonics current (With MDU series: Fundamental/3rd. With Multi-Tracer: Fundamental to 49th), AC RMS leakage current
CT shape	Split clamp type circular ZCT
CT inside diameter	φ68mm
Measuring frequency	45~65Hz (Fundamental)
Sampling rate	1-time/ less than second
A/D converting method	Dual slope integration mode
Max. input current	AC 40A rms
Influence of magnetization	Effect of about 300μA in a magnetic field of 400A/m (depending on measurement conditions)
AC leakage current RMS measurement	Conversion RMS Detection Method Crest factor : <3 (0~50% of range) <2 (50~100% of range)
Harmonic current measurement	Measuring method PLL method Min. fundamental input More than 3% of 1mA range
Measurement of temperature	Reference value displayed at “Multi-Tracer”
Insulation resistance	100MΩ with DC 1kV voltage (Between the CT~ hot stick grip)
Withstanding voltage	AC 23kV/5min (Between the CT~ hot stick grip)
Limitation of circuit voltage	Use on the grounding wire of the secondary side of the insulated surge arrester. The safety specification depends on the insulation performance of the hot stick connected.
Protection standard	IP11
Operation	Power ON/OFF (other function is at a paired unit)
Low battery indication	Light up of LED on the main-body
Optional accessory	MDU-100X/MDU-200X (display unit)
Operating Temperature and Humidity Range	0~40°C, 80%RH max (without condensation) with alkali battery
Power supply	AA size Alkaline battery × 4
Dimensions	168(W)×400(H)×86(D)mm
Weight	1550g (with batteries inside)



TAURUS POWERTRONICS PVT LIMITED

Corporate Off.: No. 26, "Mahadimane", 12th Main, 1st Block, Rajajinagar, Bengaluru - 560 010. INDIA., Tel : + 91 80 23012301
Email : info@tauruspowertronics.com, care@tauruspowertronics.com, WhatsApp : +91 73496 44344
Sales & Service Off.: No. 648/54, KLE College 2nd Block, Rajajinagar, Bengaluru - 560 010. INDIA.

BENGALURU
DELHI
KOLKATA
MUMBAI