

# 20/200A True Low Amp Range AC Current Probes

**Models:** TLAR+200/2, TLAR+200/3, TLAR+200/4

## Mechanical Specifications

**Maximum Conductor Size:** 0.78 in. (20 mm), bus bar 20x5 mm

### Dimensions:

Probes: 5.47x2.00x1.18 in.  
(139x51x30mm)  
Enclosure: 2.36x1.38x0.67 in.

**Weight:** TLAR+200/3 - 0.75lb (339g)  
TLAR+200/4 - 1.00lb (452 g)

**Probe Leads:** 4ft, 600V rating

**Output Cable:** 9in, 600V rating

## Electrical Specifications

**Current Ranges:** 20A, 200A AC

**Transformation Ratio:** 1000:1

### Accuracy:

**20A Scale:**  
1 to 20A: 1.5% of reading  $\pm 0.1A$   
**200A Scale:**  
1.5% of reading  $\pm 0.5A$

**Operating Limit:** 200A Continuous

**Frequency Range:** 40 to 10kHz

**Working Voltage:** 600Vrms max

**Phase Shift:** 1-20A:  $\leq 3$  degrees  
20-80A:  $\leq 2$  degrees  
80-200A:  $\leq 2.5$  degrees

**Influence of conductor position in jaw:**  
0.5% of reading at 50/60Hz

**Influence of adjacent conductor:** 1.5%

**Influence of frequency:**  
40Hz to 1kHz: 3% of reading  
1kHz to 10kHz: 12% of reading



## Safety

UL 61010B-1  
IEC 61010-1  
600V Cat III

## Environmental

**Operating Temperature:** 14 to 131 degrees F  
(-10 to 55 degrees C)

**Operating Relative Humidity:** 10-35 degrees C 85% RH

**Case Protection:** Probes - IP40, Enclosure - IP65

## PMI Scanner Compatibility

10A range only with iVS-3/600E and ViPs  
with SNs lower than 61000 adjustable  
20A/200A range with Vip-Plus and Eagle.



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