

# Characteristic Values

Measured Quantity	Measuring Range	Resolution	U <sub>NO-LOAD</sub>	R <sub>i</sub>	I <sub>K</sub>	I <sub>N</sub>
PE resistance	0 ... 19.99 Ω	10 mΩ	< 20 V –	—		> 200 mA
Insulation resistance	0.05 ... 19.99 MΩ	10 kΩ	600 V –	approx. 100 kΩ	< 10 mA	> 1 mA
Equivalent leakage current	0 ... 19.99 mA ~	10 μA	28 V ~	2 kΩ	< 20 mA	—
Substantiation of absence of voltage by means of current measurement (contact/leakage current)	0 ... 1.999 mA ~	1 μA		2 kΩ		
Residual current	0.01...19.99mA ~	10 μA				

## Field Measurements

Measured Quantity	Measuring Range	Resolution
Line voltage	207 ... 253 V ~	1 V
Load current at mains outlet	0 ... 16.00 A ~	10 mA

## Overload Capacity

Consumer current via mains outlet, differential current	19 A, 5 min.
All other measuring quantities	250 V permanent