

	C.A 6416	C.A 6417
Loop ohmmeter 1,500-count display	Measurement ranges (Ω) / Resolution (Ω) / Accuracy	
	0.010 to 0.099 / 0.001 / $\pm 1.5\%$ ± 0.01	
	0.10 to 0.99 / 0.01 / $\pm 1.5\%$ $\pm 2r$	
	1.0 to 49.9 / 0.1 / $\pm 1.5\%$ $\pm r$	
	50.0 to 99.5 / 0.5 / $\pm 2\%$ $\pm r$	
	100 to 199 / 1 / $\pm 3\%$ $\pm r$	
	200 to 395 / 5 / $\pm 5\%$ $\pm r$	
	400 to 590 / 10 / $\pm 10\%$ $\pm r$	
	600 to 1,150 / 50 / Approx. 20 % 1,200 to 1,500 / 50 / Approx. 25 %	
Frequencies	Measurement frequency 2,083 Hz / Transposition frequency 50, 60, 128 or 2,083 Hz	
Loop inductance measurement	Measurement ranges (μH) / Resolution (μH) / Accuracy	
	10 to 100 / 1 / $\pm 5\%$ $\pm r$ 100 to 500 / 1 / $\pm 3\%$ $\pm r$	
Ground voltage	Measurement ranges (V) / Resolution (V)	
	0.1 to 4.9 / 0.1	
	5.0 to 49.5 / 0.5 50.0 to 75.0 / 1	
Ammeter 4,000-count display	Measurement ranges (A) / Resolution (A) / Accuracy	
	0.200 to 0.999 mA / 1 μA / $\pm 2\%$ $\pm 50 \mu\text{A}$	
	1.000 to 2.990 mA - 3.00 to 9.99 mA / 10 μA / $\pm 2\%$ $\pm 50 \mu\text{A}$	
	10.00 to 29.90 mA - 30.0 to 99.9 mA / 100 μA / $\pm 2\%$ $\pm r$	
	100.0 to 299.0 mA - 0.300 to 0.990 A / 1 mA / $\pm 2\%$ $\pm r$ 1.000 to 2.990 A - 3.00 to 39.99 A / 10 mA / $\pm 2\%$ $\pm r$	
Setup		
Modes	Standard or advanced	
Alarms	Configurable on Z, V and A	
Buzzer	Active	
HOLD	Manual or automatic PRE-HOLD	
Automatic power-off	Active / Inactive	
General specifications		
Display	152-segment OLED. Active area 48 x 39 mm	
Max. clamping diameter	\varnothing 35 mm	
Storage	300 time/date-stamped measurements	2,000 time/date-stamped measurements
Communication	-	Bluetooth class 2
Power supply	4 x 1.5 V LR6 (AA) alkaline batteries or 4 x NiMH batteries	
Battery life	1,440 measurements of 30 seconds each	
Calibration	Automatic at start-up	
Electrical safety	IEC 61010 600 V CAT IV	
Protection	IP40	
Dimensions	55 x 95 x 262 mm	
Weight	Approx. 935 g with batteries	