

Model	ACD-50NAV	ACDC-52NAV	ACDC-54NAV	ACDC-400	ACDC-3400 IND	AC50A	CHB 5	LH41A
								
Max. current	600 A	600 A	1000 A AC/DC	400 A	1000 A	60 A	50 A	40 A
Current type	AC	AC/DC	AC/DC	AC/DC	AC/DC	AC	AC	AC/DC
True RMS Measurement	•	•	•		•		•	
Display	3½ digit, 4000 digits	3½ digit, 4000 digits	3½ digit, 4000 digits	3½ digit, 3999 digits	3½ digit, 6600 digits	3½ digit, 3999 digits	4 digit, 9999 digits	4 digit, 4000 digits
Current AC	0.01...600 A	0.01...600A	0.01...1000 A	0.01 A... 400 A	0.1 A...1000 A	0.01 mA...60 A	0.5 mA...50 A	0.001...40 A
Basic Accuracy*	1.5 % + 5 digits	1.5 % + 5 digits	1.5 % + 5 digits	1.5% + 3 digits	2 % + 10 digits	1.5% + 5 digits	1.5% + 5 digits	1.3% + 5 digits
Frequency	50 Hz...400 Hz	50 Hz...400 Hz	50 Hz...400 Hz	50/60 Hz	50...1 kHz	40 Hz...1 kHz	45 Hz.. 1 kHz	40...400 Hz
Current DC		0.01...600 A	0.01...1000 A	0.01 A...400 A	0.1 A...1000 A			0.001...40 A
Basic Accuracy*		1.5 % + 5 digits	1.5 % + 5 digits	1.5% + 3 digits	2 % + 5 digits			1.3% + 5 digits
Voltage AC	0.01...1000 V	0.01...1000 V	0.01...1000 V	0.1 mV...600 V	0.1 mV...750 V	0.1 V...400 V	0.1 V...600 V	
Basic Accuracy*	1 % + 5 digits	1 % + 5 digits	1 % + 5 digits	1% + 3 digits	1.5 % + 8 digits	2% + 4 digits	0.5% + 5 digits	
Frequency	50 Hz...500 Hz	50 Hz...500 Hz	50 Hz...500 Hz	50...500 Hz	50 Hz...1 kHz	40 Hz...1 kHz	50 Hz...1 kHz	
Voltage DC	0.01...1000 V	0.01...1000 V	0.01...1000 V	0.1 mV...600 V	0.1 mV...1000 V			
Basic Accuracy*	0.7 % + 2 digits	0.7 % + 2 digits	0.7 % + 2 digits	0.8 % + 2 digits	0.5% + 2 digits			
Resistance	1 Ω...99.99 kΩ	1 Ω...99.99 kΩ	1 Ω...99.99 kΩ	0.1 Ω...40 MΩ	0.1 Ω...66.00 MΩ	0.1 Ω...400 Ω		
Basic Accuracy*	1 % + 3 digits	1 % + 3 digits	1 % + 3 digits	1% + 3 digits	1% + 5 digits	1 % + 2 digits		
Continuity test	R < 30 Ω	R < 30 Ω	R < 30 Ω	R < 40 Ω	R < 30 Ω	R < 40 Ω		
Frequency verification	20.00...9,999 kHz	20.00...9,999 kHz	20.00...9,999 kHz		0.01 Hz...1000 MHz		45 Hz...65 Hz	
Power measurement	0...600 kW	0...600 kW	0...999 kW					
Data Hold	•	•	•	•	•	•	•	•
MIN/MAX Peak Hold	•	•	•	•	•	•	•	
Capacitance measurement	0.01...4000 µF	0.01...4000 µF	0.01...4000 µF		0.001 nF...6.6 mF			
Jaw opening	37 mm	42 mm	42 mm	30 mm	51 mm	30 mm	30 mm	19 mm
Power supply	9 V, IEC 6F22	9 V, IEC 6F22	9 V, IEC 6F22	2 x 1.5 V, IEC R03	1 x 9 V, IEC 6F22	2 x 1.5 V, IEC LR6	2 x 1.5 V, IEC LR6	1 x 9 V, IEC 6LR61
Auto Power Off	•	•	•	•	•	•	•	•
Measurement Category	CAT IV / 600 V CAT III / 1000 V	CAT IV / 600 V CAT III / 1000 V	CAT IV / 600 V CAT III / 1000 V	CATIII/600 V	CATIII/1000 V, CATIV/600 V	CATII/600 V	CATII/600V, CAT III/300 V	CATIII/300 V
Features	Active power, cos φ, Harmonic content (THD), Bar graph	Active power, cos φ, Harmonic content (THD), Bar graph	Active power, cos φ, Harmonic content (THD), Temperature, Bar graph	Illuminated display	Relative value measurement, Illuminated display, Duty cycle function	Leakage current clamp, lowest resolution 0.01 mA	Leakage current clamp, lowest resolution 0.01 mA Harmonics measurement up to the 99th peak value measurement	Measurement of direct currents with 1 mA resolution

* = Basic accuracy figures are with regard to the best level of accuracy of the relevant measurement function