

Technical specifications

	C.A 8331	C.A 8333	C.A 8336	C.A 8435
Number of channels	3U / 4I		4U / 4I	
Number of inputs	4V / 3I		5V / 4I	
Voltage (TRMS AC+DC)	2 V to 1,000 V			
Voltage ratio	up to 500 kV			
Current (TRMS AC+DC)	MN93: 500 mA to 200 A _{AC} ; MN93A: 0.005 A _{AC} to 100 A _{AC}			
MN clamps	1 A to 1,000 A _{AC}			
C193 clamp	100 mA to 10,000 A _{AC}		30 A to 6,500 A _{AC}	
AmpFLEX™ or MA193 clamps	1 A to 1,300 A _{AC/DC}			
PAC93 clamp	50 mA to 100 A _{AC/DC}			
E3N clamp	up to 60 kA			
Current ratio	40 Hz to 69 Hz			
Frequency	W, VA, var, VAD, PF, DPF, cos φ, tan φ			
Power values	Wh, varh, VAh, VADh			
Energy values	yes			
Harmonics	yes, orders 0 to 50, phase			
THD	-	yes		
Expert mode	-	50	210	
Transients	yes			
Flicker (Pst & Plt)	-	yes on 4 periods	yes > 10 minutes	
Inrush mode	yes			
Unbalance yes	yes			
Recording	yes			
Min/Max	4 hours to 2 weeks	A few days to several weeks	2 weeks to several years	
of a selection of parameters at the max. sampling rate	-	4,000 of 10 different types	10,000 of 40 different types	
Alarms	yes			
Peak	automatic			
Vectorial representation	Colour ¼ VGA TFT screen, 320 x 240, diagonal 148 mm			
Display	12	50		
Capture of screens and curves	IEC 61010 1,000 V CAT III / 600 V CAT IV			
Electrical safety	IP53 / IK08		IP67	
Protection	more than 27			
Languages	USB			
Communication interface	up to 13 hours			
Battery life	9.6 V NiMH rechargeable battery or external mains charger			
Power supply	240 x 180 x 55 mm		270 x 250 x 180 mm	
Dimensions	1.9 kg		3.7 kg	
Weight				