SELECTION TABLE - SINGLE-PHASE ENERGY METERS

CIRWATT				-					-			x	-		

Energy Meter Type	CIRWATT B101/102	CIRWATT B200RC	CIRWATT B200RCP		
Asymmetric connection 2-wire	•	•	•	2	
Class B (1) active / not measure reactive	•	•	-	10	Accuracy
Class B (1) active / class 2.0 reactive	• (102)	-	•	12	
1x230 V_{ac}	•	-	•	E	
1x127 V_{ac}	•	-	•	B	Voltage measure
1x120 V_{ac}	•	-	•	1	
1X110...260 V_{ac}	-	•	-	W	
Shunt 10 (60) A	-	•	•	S4	Current measure
Shunt 5 (65) A	•	-	-	S7	
50 Hz	•	-	•	A	
60 Hz	•	-	•	B	Frequency
50 / 60 Hz	-	•	-	C	
Without communications	• (101)	-	-	0	
Port R1	RS-485 (102)	RS-485 /RFID	-	2	
Port R1	-	-	DCSK A	4	Comm.
Port R1	-	-	DCSK B	5	
Port R1	-	-	PRIME	B	
Without inputs / outputs	-	-	•	0	
Inputs / outpus	Input 100 to 240 VAC	- -	- -	E	
Inputs / outpus	Optomos output	- -	- -	1	Expansion modules
Inputs / outpus	1 relay output 3 A 250 V, potential-free	1 relay output 3 A 250 V, neutral potential	- -	3	
Inputs / outpus	- -	- -	1 relay output 3 A 250 V, potential-free	F	
Domestic / residential / small industry	•	-	•	B	Type
Prepayment	-	•	-	P	
2 Quadrants	• (OP)	-	-	0	
4 Quadrants	•	-	•	1	Register mode
Bidirectional with always positive register	• (OP)	•	-	2	
Without other features	•	-	-	0	
With omnipolar circuit breaker	-	•	•	3	
Neutral current measurement and magnetic detection	• (OP)	-	-	5	Other features
With omnipolar cutting element and voltage fraud detection	-	-	•	7	

Delivery time: [*] immediate
[x] working weeks
[c] consult

SELECTION TABLE - THREE-PHASE ENERGY METERS

Energy Meter Type	CIRWATT B410D	CIRWATT B502 / B505 / B410T /B410TP	CIRWATT B400RCP	CIRWATT B400RC		CIRWATT - - - x -
4-wire	•	•	•	•	4	Connection mode
Class 0.2s Active Class 0.5 Reactive	-	•	-	-	02	Accuracy
Class (C) 0.5s Active Class 1 Reactive	-	•	-	-	05	
Class (B) 1 Active Class 2.0 Reactive	•	•	•	•	10	
3 x 57 / 100 V_{ac}	-	•	-	-	L	Voltage measure
3 x 63.5 / 110 V_{ac}	-	•	-	-	M	
3 x 127 / 220 V_{ac}	•	•	•	-	N	
3 x 230 / 400 V_{ac}	•	•	•	•	Q	
3 x 57/100 V_{ac} ... 3 x 230 / 400 V_{ac}	-	•	-	-	V	
Transformer 2,5 (10) A	-	•	-	-	T2	Current measure
Transformer 5 (10) A	-	•	-	-	T5	
Transformer 1 (6) A	-	•	-	-	T7	
Transformer 1 (10) A	-	•	-	-	T8	
Direct 10 (100) A	•	•	•	-	D1	
Direct 15 (120) A	•	-	-	-	D5	
Direct 5 (100) A	•	-	-	-	D6	
50 Hz	•	•	•	-	A	Frequency
60 Hz	•	•	•	-	B	
Automatic (50 / 60 Hz)	•	•	-	•	C	
Without communications	•	•	-		0	Comm.
R1 / R2	RS485 / PLC A	RS485 / PLC A	-	RS485 / RFID	2	
R1 / R2	RS232 / PLC A	RS232 / PLC A	PLC A	-	4	
R1 / R2	RS232 / PLC B	RS232 / PLC B	PLC B	-	5	
R1 / R2	RS232 / RS232	RS232 / RS232	-	-	7	
R1 / R2	RS232 / RS485	RS232 / RS485	-	-	9	
R1 / R2	RS232 / Ether.	RS232 / Ether.	-	-	A	
R1 / R2	RS232 / PRIME	RS232 / PRIME	PRIME	-	B	
R1 / R2	RS485 / Ether.	RS485 / Ether.	-	-	C	
Without inputs / outputs	•	•	•	-	0	Expansion modules
inputs / outputs	Relé 3A 250V libre potencial	Relé 3A 250V libre potencial	Relé 3A 250V libre potencial	- -	3	
inputs / outputs	*1	*1	-	- -	5	
inputs / outputs	Alim. auxiliar	Alim. auxiliar	- -	- -	6	
inputs / outputs	*2	*2	- -	- -	A	
inputs / outputs	Fuga Tierra	Fuga Tierra	- -	- -	B	
inputs / outputs	*3	*3	-	- -	D	
Domestic / residential / small industry	• •	• •	• •	- -	B	Type
Prepayment	- -	- -	- -	• •	p	
2 Quadrants	• •	• •	• •	- -	0	Quadrants
4 Quadrants	• •	• •	• •	- -	1	
Accumulation in both ways	• •	• •	- -	• •	2	
No special features	• •	• •	• •	- -	0	Addtional features
With circuit breaker in the phase line	- -	- -	• •	- -	2	
With omnipolar circuit breaker	- -	- -	• •	• •	3	
With circuit breaker in the phase line and detection of tension fraud	- -	- -	• •	- -	6	

*1 - 2 Relay outputs, 4 optocoupled inputs
*2 - 4 optocoupled inputs
*3 - 2 Relay outputs, 2 pulse inputs, 2 optocoupled outputs

Delivery time: [*] immediate
[x] working weeks
[c] consult