

Quadratic Digital Metering Systems

Specification Overview

- S** = Standard feature
- O** = Optional feature
- V** = Volt measurement
- W** = Watt measurement
- F** = Frequency measurement
- PF** = Power factor
- PA** = Phase angle

	510	520	530	540	1000	2000
Single phase					0	0
3 phase 3 wire	0	0	0	0	0	0
3 phase 4 wire	S	S	S	S	S	S
Voltage (L-N) or (L-L)	S	S	S	S	S	S
Current (L1, L2, L3 and system)	S	S	S	S	S	S
Current (Neutral)					S (3ø 4w)	S (3ø 4w)
Frequency (45 - 66Hz)	S				S	S
Demand indication (Time averaged)		S	S	S	I/W	I/W/VAr/VA
Average measurements					V/I/PF	V/I/PF/PA
Sum measurements					W/VAr/VA	I/W/VAr/VA
Min/max indication						S
Power factor					S (sys)	S (per ø)
Phase angle						S (per ø)
Active power					S (sys)	S (per ø)
Reactive power (VAr)					S (sys)	S (per ø)
Reactive power (VA)					S (sys)	S (per ø)
Active energy (kW.h)					S	S
Reactive energy (kVAr.h)					S	S
Apparent energy (kVA.h)						S
Ampere hours (A.h)						S
Import/export auto selection						S
RS232						0
Digital interface					0	0
Pulsed output					0	0(1 or 2)
Analogue output						0
Maximum demand relays			1	2		

Integra 500 Series

Input voltage: 100 - 120V L-L,
190 - 240V L-L,
380 - 480V L-L (S)

Supply voltage: Self powered option or auxiliary supply: 110 - 120V A.C.,
190 - 240V A.C.(S), 380 - 480V A.C.

Operating temperature: -10°C - 70°C

Dimensions: 96mm x 96mm, DIN Standard, 105mm Long

Integra 1000/2000

Input voltage: Standard 230/400V
Alternative input options on request

Supply voltage: 12 - 48V D.C. (O), 100 - 250V A.C./D.C. (S)

Operating temperature: 0°C - 50°C

Dimensions: 96mm x 96mm, DIN Standard, 155mm Long

- IP rating:**
IP54 Standard
- Input current:**
5A AC RMS (1A option)
- Interface:**
Lonworks
Modbus
Johnson Controls

