Elite Product Range

The **Elite** is a compact DIN 96 panel meter providing accurate measurement of electrical parameters and energy in accordance with IEC class 1.0 and 0.5s. Elite can be used to replace analogue ammeter/voltmeter combinations and is ideal for the sub metering of distribution switchgear and connection to building energy management systems. With a range of communication options available, Elite is the professional choice for multi- function metering.
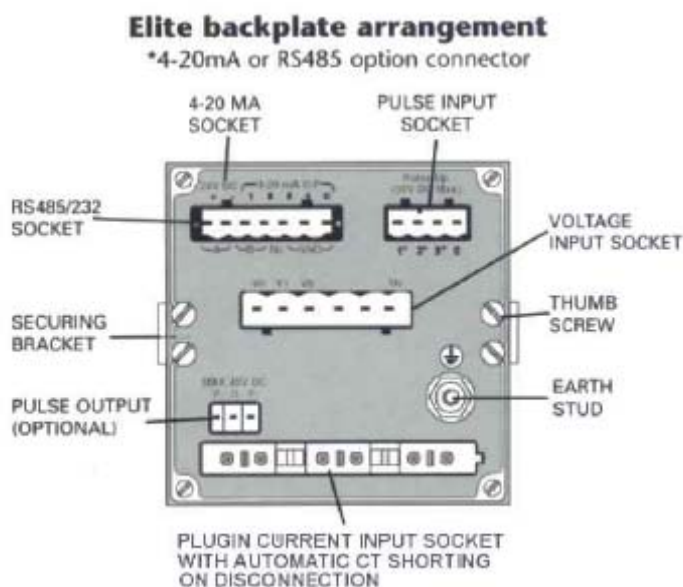
The Elite offers:

- Compact DIN 96 multifunction meter with large clear backlit display

- Options for Import/export metering and 8 Rate registers

- Open circuit protection with unique current transformer shorting plug

- "Favourites" page allows customisation of the meter display sequence

- CT & VT primaries can be set from front keys

- Onboard diagnostics for reporting connection fault

- Optional RS485 (Modbus) communication module

- Optional module for four 4- 20 mA analogue outputs to SCADA system

- Optional multi-utility logging module, accepts three pulse inputs to provide load survey for electricity & other utilities

- Two pulse outputs for active & apparent

Elite Offers following functions:

- Voltage – Ph to Ph & Ph to Neutral
- Currents – Line & Neutral
- Power – Active, Apparent and Reactive
- Energy- Active, Apparent and Reactive
- Power Factor- Avg. & Ph Wise
- Frequency
- Max. Demand – Active & Apparent
- Rising Demand- Active & Apparent
- Max. & Min. – Volts, Amps, kW, PF, Frequency
- Export Active & Reactive
- Rate/ Bill Registers
- Favourite Page
- Diagnostics

Electrical	110V	63.5V	230V
	3 phase	3 phase	3 phase
	3 wire	4 wire	4 wire

Voltages (typical)	**110V**	**63.5V**	**230V**
Minimum (AC)	77V	45V	161V
Maximum (AC)	143V	82V	299V

Current

	ALL MODEL TYPES
Basic	5A or 1A (Factory Set)
Maximum	120% I basic
Starting (typical)	0.4% I basic

Burdens (typical)

	ALL MODEL TYPES
Voltage Circuit	Less than 2VA
5A Current Circuit	Less than 1.2 VA
1A Current Circuit	Less than 0.2 VA

Display Customised LCD Backlit

Frequency 50 Hz

Mechanical

	ALL MODEL TYPES
Dimensions (mm)	W.96 X H.96 X D.112
Enclosure Material	Extruded Aluminium
Weight	0.65 kg (Approx.)
Max. Conductor Size	2.5 mm2

Pulse Outputs

Type	Solid State (Norm. Open)
Voltage Rating	40 V DC
Current Rating	100 mA DC Max
Duration	80 ms, 240 ms
Value	x0.1,x1,x10,x100

Metrological IEC61036/60687

Data Retention 10 Years without power

Elite backplate arrangement
*4-20mA or RS485 option connector

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