## Elster A1140 Three Phase GPRS Smart Meter





The Elster A1140 3-phase meter is available as a CT or Direct Connect version

The Elster A1140 three phase meter is a 'smart-ready' three-phase 4-wire meter designed for monitoring import and export energy flow and for monitoring energy generation.

The ASLH308 GPRS modem with SIM can be connected to the meter for automatic meter reading on the **Openmetrics** web portal. This connects to the RJ11 serial socket under the terminal cover.

The A1140 is available as a **current transformer** operated or **whole current** version (max 100 Amp).

## **Features**

- Fully MID/OFGEM/MCS approved
- High accuracy meter measures active import and ex
- Pulse output terminals for BMS integration
- ✓ GPRS signal strength shown on display
- Large clear display showing meter readings
- Compact design with optional long or short terminal covers.

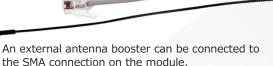


GPRS modems can be retrofitted to the meter after installation to turn this smart-ready three phase meter into a fully functional AMR meter for day+1 meter readings with half-hour profiling on the **OpenMetrics** web service.

LED Indicators on the GPRS modem show the communications status so the installer can ensure the meter is communicating with the OpenMetrics service.

The ASLH308 modem comes with a network roaming SIM card.





Comes with multi-network roaming data SIM card











## Technical Data

Electrical	Voltage	Nominal voltage	220V - 240V
	Frequency	Nominal frequency Frequency variation	50Hz or 60Hz + - 5%
	Current	Maximum (Direct connect) Maximum (CT Op)	20 - 100A 5 - 10A (Class 0.5s CT Op Version only
	Accuracy	Active/Reactive energy	Class 0.5s, 1 or 2 Class A, B or C EN 62053 - 21/22kWh

Meets the essential requirements of the Measuring Instruments Directive (MID) 2004/22/EC.

Environmental	Temperature range Ingress protection	-25'C to +55'C IP53, IEC 60529: 1989

Meters are intended for installation in a class E2 electromagnetic environment and Class M1 Mechnical Environment according to 2004/22/EC Directive.

Physical	Main terminal size Ternimal Construction	8.2mm diameter with 2 M6 pinch screw Solid brass double screw clamp
Overall dimensions	Including module	233H x 172W x 49D



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