

# Elster A1140

## Three phase WC electricity meter

The Elster A1140 is a three phase electricity meter supplied in a whole current enabled version.

Two-way communications enable different registers to be collected from the meter. Energy data is transmitted via direct connection to the Orsis DC for data verification for suppliers and data collectors/aggregators and integration into third party aM&T systems. The meter can also be used for three-phase solar PV installations.

The data gathered can be analysed on Orsis Energize by the end user to understand energy consumption levels and manage their fiscal and environmental costs. The Elster A1140 is suitable for measuring both generation and exported data from solar PV systems. Meter readings can be submitted for feed-in tariff collection.



### Features

- ✓ MID Approved
- ✓ Internal clock and calendar with battery backup
- ✓ Comprehensive tariff structure
- ✓ Comprehensive security data
- ✓ Modular design
- ✓ Display of external meter information
- ✓ Large digit (9.8mm register digits) Liquid Crystal Display
- ✓ DIN (BS) double insulated, glass filled polycarbonate case
- ✓ Whole current operated

Ready to get started?  
Start your journey today

Orsis  
Clarendon House  
Victoria Avenue  
Harrogate  
HG1 1JD  
United Kingdom

General Enquiries  
info@orsis.co.uk

Sales  
sales@orsis.co.uk

Phone  
01423 530700



Technical Information	
kWh Class 1 or 2 (EN 62063-21) Wh	Tariff Scheme CRC
Class A or B (EC Directive)	Phase failure A, B, C
2004/22/EC [MID] kVarh Class 2 or 3	Power Fail
15 years calibration	Reverse Run Energy
IP53 in accordance with IEC 60529:1989	Per Phase Reverse Run A, B, C
IEC 62056-21 optical communications	Billing Count
8 time-of-use (TOU) Registers	Terminal Cover Removal
4 Maximum Demand Registers	Remaining Battery Life
48 Switching Times	In Service Hours
12 Seasons	Active Scheme CRC
32 Exclusion Dates	Scheme ID
13 End of Billing Dates	Error Flag
Independent Day Control	Main Cover Removal
Daylight Saving	Watchdog Count
Deferred Tariff	Dimensions 218mm (H) x 173mm (W) x 50mm (D)
Programming (with user id)	Weight 1500 grams

The meter offers extensive security logs which include programming and user IDs.

A count of the number of each event is recorded. A time and date stamp of the three most recent events together with the source is recorded. The count, time and date of the most recent event can be included in the display sequence.