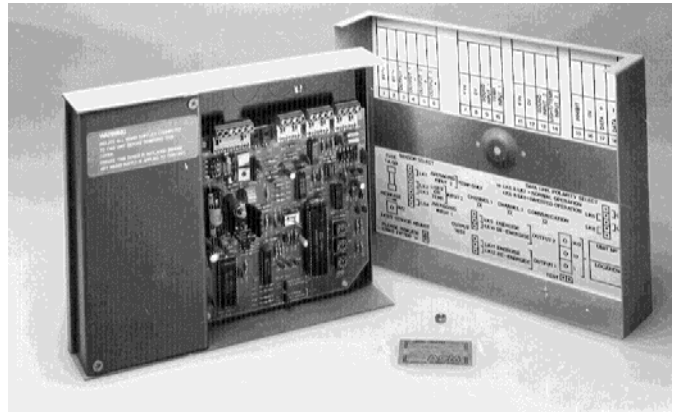


**ACM/OUT
Standard Outstation****Overview**

ACM outstations are a range of powerful compact devices which may be linked to the ACM Energy Management System. Each outstation has an onboard microprocessor for instantaneous control of plant and monitoring of data.

Outstations are non-dedicated in their function. Several models are available but primary functions are determined at commissioning by transmitting control mode information to each outstation from the system controller, the ACM/CPU.

The ACM/OUT features two channel control. It has two analogue and two digital inputs, and two digital outputs. It comes complete with a mains rated power-supply and two mains rated switching relays. The two channels will switch independently on temperature, light level etc., but use the same timetable. An example application would be to use one channel to switch heaters (probably using optimum start/stop) and the other channel to switch lights in the same zone (using fixed time start and stop). The steel enclosure features a tamperproof lid and knock-out conduit entries. There is provision below the insulated mains power supply cover for up to three plug-in relays, opto-isolators etc.

**Specification**

Enclosure :	Beige Mild steel with textured epoxy coating.
Dimensions :	250 (w) 195 (h) 50 (d)mm.
Conduit entry :	6 * 20mm knockouts.
Mounting :	3 * raised fixing points (suitable for mounting on an uneven wall)
Weight :	2300g
Storage temperature :	-65°C to 125°C
Operating temperature :	0°C to 70°C
Power Supply :	220-240Vac, 50Hz (8-12 volts pcb only).
Power consumption :	12Va.
Terminations :	Screw terminal connectors accept cable from 0.5 to 1.5mm diameter.
Analogue inputs:	Two, accepting 0-10ma or 0-5v signals.
Digital inputs:	Two, accepting 0-5v or volt free signals.
Digital outputs:	Two, driving mains rated switching relays of up to 8a resistive each.