

Product Update

Integrati Security Controller (ISC) in Powered Enclosure. AC-DC Adapter Power Supply

AC Supply.

This Integrati Security Controller is now supplied with a 60W AC-DC Power Adapter which converts AC Mains to 24VDC. This AC-DC Adapter replaces the 49.5VA AC Mains Transformer previously supplied. In regions where the product is supplied with a mains power cord, a flexible mains cable with strain relief are included. The ISC power supply output specifications, battery charging specifications and AC Fail monitoring are not affected.

The 24VDC output is wired to the Controller 'AC' input (T4). The White wire must be connected to pin 1 (nearest the PCB mounting hole & 'EARTH' terminal) *See the 'Layout And Wiring Diagram' on Page 2.*

Fixed AC Wiring.

The product is still supplied with a fused mains terminal block (with protective cover) which is connected to the AC-DC Adapter via a short IEC pigtail cable. This allows for fixed AC mains wiring to be installed in regions or projects where this is a requirement.

If fixed AC wiring is required, a Fixed AC Wiring Kit is available. The kit provides the additional parts required for a fixed AC mains wiring installation.

AC mains wiring must only be installed by persons with suitable electrical qualifications.

Earthing.

Note that the AC-DC Adapter itself does not provide a mains earth connection to the enclosure or PCB earth terminals. Earthing is required to maintain the effectiveness of the surge diversion components.

The Controller 'EARTH' terminal is pre-connected to the earth stud in the base of the enclosure. The 'EARTH' terminal on any other LAN Modules in the enclosure should also be connected to the earth stud which now accepts 4mm eyelet or 6.3mm Quick Connect terminals.

Earthing of the enclosure is achieved via the connection of the incoming mains earth wire to the earth terminal on the fused mains terminal block.

The incoming mains wiring may be a pre-fitted flexible mains cord, a flexible mains cord fitted during installation or fixed AC mains wiring depending on your region or the project requirements. No additional earth wire is required.

AC mains wiring must only be installed by persons with suitable electrical qualifications.

See the 'Layout And Wiring Diagram' on Page 2.

AC-DC Adapter Specifications.

Input:	90 to 264VAC. 47 to 63Hz.
Output:	24VDC +/-3%. 2.5A 60W Max.
Efficiency:	90.5%
Protection:	Overload (Self-resetting). Over Voltage & Over Temperature (Power cycle to reset)

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