

Electrone Americas Ltd Co



Electrone 810/810S

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810S



Para preguntas en Español favor de llamar al USA-561-705-6238

Electrone 810 & 810S keypad with Display Specifications

General

Model	810 & 810S
Standards	IEEE 802.3, IEEE 802.3af
Protocols supported	TCP/IP,UDP, HTTP, Dynamic Host Configuration Protocol (DHCP), DNS, and DDNS *
Ports	2 Ethernet, 1 Jack , 810S has an RJ11 port
Keys	17
Cabling type	Category 5
Dimension	Width: 4 inch /101.6 mm Height: 1.9 inch / 4.8 mm Depth: 6 inch / 152.40 mm
Key switches	Rubber with tactile feedback
Housing color	Black/Grey

Display

LCD	16x2 characters, each character is of 5x8 DOTS
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Management

Telnet	Port 23, 810S via configuration Port
Username/password (Default)	admin/admin - user changeable

Network

Protocol	TCP
Re-set	Press specific buttons when powering up
Ports	1-65535

Power

Power	5V DC, regulated
Power consumption	125 mA

Environmental

Certification	FCC part 15C Class B, RoHS, (WEE compliant in the EU)
Operating temperature	32° to 122°F (0° to 50°C)
Storage temperature	-4° to 158°F (-20° to 70°C)
Operating humidity	10% to 50%
Storage humidity	0% to 50%

- The screen back light is programmable
- Customization available

* Customization required

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Features

- The 810 & 810S keypad send and receive data over the network, making the 810 easy to set up in remote locations.
- The 810 and 810S also offer an integral switch and TWO RJ45 ports. This allows the 810/ 810S keypad to be DAISY CHAINED, or CASCADED, in to an existing set up without the need to install new facility cabling.
- User selectable Client or Server Modes, leave the option open to the user to create the perfect application.
- The 810 unit has access to the configuration menu via a Telnet connection over the network.
- Model EALD-810/810S requires a regulated 5vDC power source of at least 500mA. This is introduced via a jack plug on the rear of the unit. Ideal where the unit is to be powered locally.
- The connection on the 810 are TWO RJ45 Female and Jack socket. 810S adds RJ11 to create an Ethernet bridge.

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If you need to control a local serial device then the 810S version is for you. The serial port is accessed via an RJ11 socket on the side and the user can select RS232 or TTL communication at variable speeds up to 460kbps. The port is also able to offer power at 5vDC up to 500mA and we provide codes so the power can be turned on and off to the serial port. The 810S will permit TCP/IP communication via 3 simultaneous, virtual ports, operating, configuration and a port dedicated to communication with the serial device.

The 810S is a device, for use as with an internet or intranet network, that can accommodate both a downstream network connection, facilitate bi-directional communication, and facilitate the bi-directional communication with, and the powering of, one or more non-network devices via a single connection. This is combined with multiple 3 simultaneous, virtual (TCP/IP), ports capability, with the operating port offering 2 modes of operation.

Pin out table for 810S RJ11 - 6P6C

1	+5 V
2	TTL (TX)
3	TTL (RX)
4	RS232 (TX)
5	RS232 (RX)
6	GROUND

Key Features

- Offers keypad flexibility with network pass through
- Keypad with display creates a practical mini terminal
- Facilitates delivery of web based services via a daisy chain in to existing network access
- 810S adds the control of a TTL or RS232 device with power up to 250mA

Benefits

- Facilitates the delivery web based services
- User interaction and two-way communication
- Durable construction, easy to customize for OEM
- Easy to integrate with your own applications

Applications

- Powerful solution for closed account management, print and queue management
- Ideal for the delivery of WEB based services, attendance and event scoring
- 810S facilitates network or internet access to non network devices



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Errors & omissions accepted. We reserve a right to change the specification without prior notice.