

EXTM has 4 basic configurations with a varying number of inputs and outputs and 2 levels of communication. Therefore, it can be regarded as the most suitable solution for all application requirements.

Models	Digital inputs	Analogue inputs	Analogue outputs	Relay outputs	Serials
XTM	14	8	-	12	COM 1,2
XTM/R	14	8	4	12	COM 1,2,3,4
XTM/H	22	16	-	20	COM 1,2
XTM/HR	22	16	4	20	COM 1,2,3,4



The system can manage up to four expansion modules, which are available in two different models that vary only according to the number of inputs and outputs.

Models	Digital inputs	Analogue inputs	Analogue outputs	Relay outputs	Serials
XTE1	4	4	-	9	-
XTE1/H	8	4	2	15	-



The EXTk keyboard enables management and programming of the system by means of a user-friendly graphical interface, a display with backlighting and ten configurable keys.



EXT energy PRO

The flexible solution to meet all your needs



People



Products



Performance



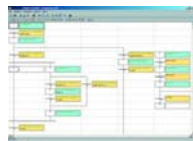
EXT Energy PRO



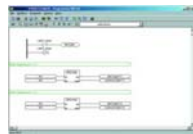
Eliwell, the market leading brand in air conditioning and commercial refrigeration solutions is extending its powerful Energy XT electronic controller (part of the successful and well established Energy Series) into a new high performing, highly customised version, called EnergyXT PRO.



Using unique software tools, Energy XT Pro enables customers to create and edit a wide variety of programmes for a diverse number of applications. It is the ultimate in flexibility enabling users to control their software independently and also, most importantly, to keep their knowledge confidential.



The availability of standard programming languages, compliant with IEC1131-3, has never made the creation and customization of controllers so easy!



PROGRAMMABILITY

Energy XT PRO has a powerful development tool that enables users to quickly and reliably create and customize new programs for all types of applications. The standard language is compliant with IEC1131-3 (programming standard for industrial monitoring applications) and offers users the possibility of independently

developing new algorithms or complete programs, while keeping their data or know-how confidential. The user-friendly simulation panel enables the user to reproduce, in real time and throughout all the phases of the development process, the operating environment of the controller in order to enhance its on-site performance. Param Manager enables configuration of all the application parameters.

CONNECTIVITY

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Energy XT PRO has two serial ports (1 RS485 port and 1 RS232 port) and can be connected to any supervision system with MODBUS protocol. It can be used for local and remote monitoring operations via a PSTN or GSM MODEM. Energy XT PRO is able to send SMS messages by means of an ordinary GSM modem which simplifies maintenance and guarantees enhanced safety for customer applications.

SOLID TECHNOLOGY

The robust plastic housing ensures a high mechanical protection of the electronic boards and minimizes the risk of electrostatic discharges that could damage the electronics. The product has removable connectors and DIN rail assembly options which enable the controller to be easily, safely and quickly installed in typical industrial installations.

MODULARITY AND FLEXIBILITY

The powerful CPU based on a Flash technology and its substantial memory enables this new controller to satisfy all application needs, while guaranteeing a high performance and output. The controller can be expanded in modules which provides customers with the flexibility of buying what they need, when they need it. Providing the ultimate in a tailored solution. A robust communication system based on a CANBUS protocol combined with a very simple connection process for both the user terminals and expansion modules means that not only Energy XT PRO is easy to use but also reliable.

FULL CONTROL

the user can perform all the main monitoring and management operations through a keyboard equipped with a graphical display and the LEDs. The support tool enables customization of both the architecture and labels of the user-interface with easy to use and simple operations. A MenuMaker function lets the user configure his system in an unlimited number of languages, plus provides the ability to export/import text files and automatically create the application manual. The panel-mounted terminal can be customized in all its parts upon customer's request.