thermoline

טרמוליין בע"מ
צלע ההר 47, מודיעין, ישראל
טל: 02-679-94-79
טל: 03-550-45-27
www.thermoline.co.il/bakara

XWEB5000

מערכת מרכזית לשימוש תעשייתי עד 247 נקודות
RACK "19

Provided with a powerful supervision engine suited for larger installations (with up to 247 devices) in the refrigeration, conditioning and building automation field, where it's necessary to program several different interactive actions that the controller has to perform. It is extremely well suited to hypermarkets, large storage and distribution centres, as well as production and storage goods processing and is ideal for the large service centre (modem, ethernet and internet connection). The system manages the alarm transmission to the "in charge" service (via Fax, e-mail, SMS and also through relay outputs) and it can also work without a PC using direct connection of a monitor, keyboard and mouse. Local or remote connection PC is made using Microsoft Internet Explorer® and Firefox® browser.

With XWEB5000 it's possible to intervene sending commands to monitored devices. The installer can create a supervision "Project" (or several "Projects") by programming links between the input variables (inputs, status and outputs of a controller) and defining what actions the system must take when these conditions are met. Unlike a standard PLC, where the user is required to know a specific programming language, with the XWEB5000 the "project" can be easily created using a simple graphic user interface, but importantly, without the need to learn a complex programming language. A specific software is not necessary: the supervising software has been written in JAVA and it runs on the client PC. The project is saved to the XWEB5000; several project can be run simultaneously.

- Monitoring, controlling and supervising web server connectable to Dixell's controllers with serial output and to others ModBUS-RTU compatible devices.
- Built-in editor with local and field simulator
- Automation algorithms (to manage the use of lights, signs, the battery charge/discharge as fork lifts,…)
- Structure based on Linux operating system with WEB pages
- All controller values can be showed using a special "Single View" window or using "Run Time" window many controllers can be viewed at the same time. It is even possible to use a "Layout" view of the plant with pictures and schematics drawings
- Powerfull tool to view graphs and export in Microsoft Excel® format
- Easy plant management by means of the "Scheduler" to send commands according to a custom calendar
- Calendar function and internal RTC both for alarm transmission to the "in charge" service and command sending to the controllers
- Possibility to divide the controllers set in different categories of products with their own sampling time
- Alarm sending via FAX, SMS or e-mail
- Commands sending activation through digital input
- Possibility to have a connection with PDA or Smartphone
- Local or remote connection from PC using standard browser (Microsoft Internet Explorer® or Firefox®) for the data management and display
- Standard communication protocol ModBUS-RTU
- 50VA max power absorption
- Including **CRO** system **(Compressor Rack Optimization)** to reduce plant energy costs

Technical Data
1,3GHz CPU
512MB internal memory
120GB HD
1 LAN output
2 USB outputs
110/230Vac ±10% power supply
1 RS485 serial line for device (ModBUS – RTU) connection
1 RS232 output for external modem connection
1 system alarm relay output
2 RS485 alarm relay outputs
1 print output (25 pin)
1 digital input
1 keyboard/mouse connector
1 video output
Sampling time programmable from 1 to 255 minutes
Analogue internal modem (optional)