

# IMSE UltraBase20

Automatic control systems

June 2018

IMSE is a family of products for control and monitoring systems for all types of building automation.

## IMSE UltraBase20

IMSE Ultrabase20 is the most open and complete DUC/PLC on the market with manual switches on all outputs, web-based user interface, logging, alarm handling, overviews, M-bus and Modbus.

It is also possible to increase the number of inputs and outputs by supplementing with Expansion Modules.

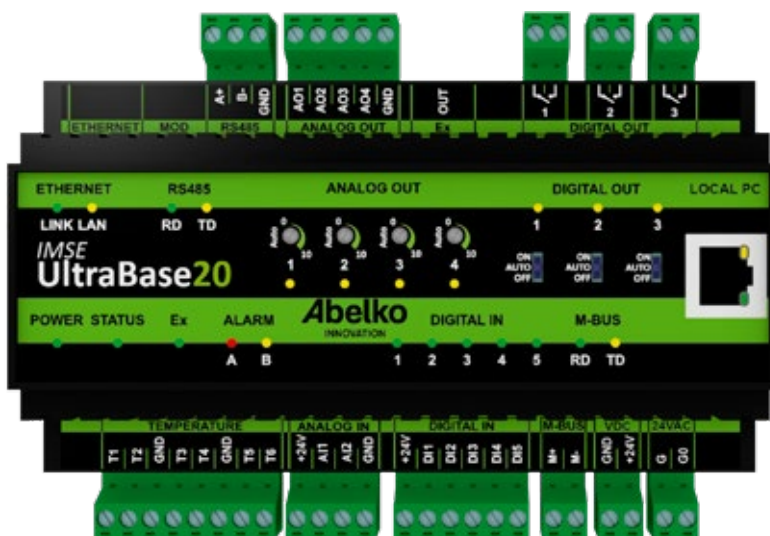
Thanks to its innovative application templates and standard applications, IMSE UltraBase minimises programming time and engineering expenses.

## Advantages:

- Licence-free
- Freely programmable
- Graphic and script programming
- Modbus master and slave over RTU and or TCP at the same time
- Built-in M-bus connection
- Alarm handling with email
- Logging of data
- Integrated database, alarm and time channels
- Several independent applications can run simultaneously
- Five year manufacturer's guarantee
- World-class support

## TECHNICAL DATA

- **Supply voltage:** 24 VDC or 24 VAC
- **Temperature inputs 6**  
Pt1000  
Range: -50°C to 150°C
- **Analogue inputs 2**  
Range: 0-10 V, 0-20mA
- **Digital inputs 5**  
Impulse count  
Frequency measurement
- **Analogue outputs 4**  
Range: 0-10 V
- **Relay outputs 3**  
Make function  
250 VAC/5A
- **EX OUT:** Connection of IMSE expansion modules. RJ12 6/6
- **Ethernetport 1:** Network and Modbus TCP, 10/100 Mbit/s
- **Ethernetport 2:** Service port with DHCP, 10/100 Mbit/s
- **Mod:** Connection of IMSE Ultra OP
- **RS485:** GFBI and Modbus RTU
- **M-bus:** minimaster
- **Size:** 9 modules standard enclosure
- **Installation:** DIN rail
- **Enclosure protection rating:** IP21



## IMSE Building Automation

- As property owners love it
- As control engineers want it

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**Abelko**  
INNOVATION