



- controlled shutdown when disconnecting from the power supply

## Standards & more

- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

♥ Wish for something!  
Your suggestions for improvement and additions

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## Worth knowing

### Processing the measurement values

By cyclically polling the Web-IOs a consolidated measurement database is created in the Motherbox. View recorded measurement data directly in the browser, access your application directly via the SQL interface for migrating the measurement data, or export them automatically via FTP.

Use the Motherbox as a visualization server. Use the integrated Site-Creator with drag-and-drop to create Web-based visualization and control pages for Web-IOs.

The internal web server also allows you to upload from your own web pages, which enables creation of web-based applications. For example you can prepare and display recorded measurement data for a specific application.

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## Technical data

### Connections and displays:

Network:	10/100BaseT Autosensing/Auto-MDIX, RJ45
Galvanic isolation:	RJ45 network connection min. 1500 V
Power supply:	Power over Ethernet (PoE) or 24 ... 48V DC (+/-10%) per screw terminal
Supply connection:	Plug-in screw terminal
Current consumption:	PoE Class 2 (3.84 ... 6.49W) and typ. 90mA @ 24V DC with external supply
Indicators and buttons:	System status using multi-color LED Network speed and data transfer Manual device reset

### Hard- and software

Processor and memory:	Marvell 88F6180 Flash: 1 GB (NAND) RAM: 128 MB (DDR2)
Operating system:	BusyBox: v1.31.1 Kernel: v4.4.226
Installed software:	ProFTPD: v1.3.6 NGINX: v1.16.1 Samba: v3.6.25 PHP: v7.2.27 MariaDB: v10.2.29 SQLite: v3.29.0

### Housing and other data:

Housing:	Plastic housing with integrated DIN rail mount 105 x 22 x 75mm (L x W x H)
Weight:	approx. 100g
Storage temperature:	-40 ... +70°C
Operating temperature:	0 ... 60°C
permissible relative humidity:	0 ... 95% relative humidity, non-condensing
Scope of delivery:	Motherbox 3 Quick start manual Product CD with WuTility management tool and manual


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## Accessories

\*Net unit price for commercial users

### Power supplies

Plug-in power supply, 24V / 500mA DC with Euro plug

11021 21.00€ 

Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€	
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€	
<b>Mechanical Accessories</b>			
Mounting bracket for wall mounting	58812	11.20€	
19" DIN rail	58813	21.00€	
<b>Supplementary network products</b>			
Ethernet Switch Industry, 4 Port	55604	218.00€	
<b>Software</b>			
WuTility	00104	free	

\* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



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