

Ideas and solutions  
for remote maintenance.

mbNET mbCONNECT24 mymbCONNECT24

MB CONNECT LINE  
remote maintenance solutions

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## MDH835

### mbNET.easy

- 4x LAN (4-Port Switch)
- 1x WAN
- 1x MPI/PROFIBUS
- 1x RS232/485
- 1x USB Host
- 4x digital input
- 2x digital output
- Connection only to portal  
(mbCONNECT24, mymbconnect24.hosted, .midi, .maxi)



#### Spezifications

|                               |                                                                                               |
|-------------------------------|-----------------------------------------------------------------------------------------------|
| Voltage                       | 10 - 30 V DC                                                                                  |
| Current mA (with 24V)         | 250                                                                                           |
| Level of protection           | IP 20                                                                                         |
| Operational environment       | Dry environment                                                                               |
| Temperature range (operation) | 0...50°C                                                                                      |
| Temperature range (storage)   | -20...+60°C                                                                                   |
| Humidity                      | 0...95% noncondensing                                                                         |
| Weight                        | 650 g                                                                                         |
| Dimensions                    | 124 mm x 48 mm x 124 mm (H x W x D)                                                           |
| LAN port                      | 10/100MBit/s full and half duplex operation, auto-detection<br>patch cable / cross-over cable |
| WAN port                      | 10/100MBit/s full and half duplex operation, auto-detection<br>patch cable / cross-over cable |
| VPN                           | OpenVPN, 1 Tunnel                                                                             |
| Encryption method             | Blowfish, AES, DES/3DES                                                                       |
| Encryption algorithm          | MD5, SHA1                                                                                     |
| Authorization                 | Pre-Shared-Key, X.509                                                                         |
| Firewall                      | 1:1 NAT, IP filtering, Port forwarding, stateful inspection                                   |
| Services                      | DHCP server, DHCP client, DNS server, NTP client, PPP<br>server, DynDNS                       |
| Port 1 (COM1)                 | RS-232/485                                                                                    |
| Port 2 (COM2)                 | MPI/PROFIBUS - 12 MBit/s                                                                      |
| USB Host Interface            | USB Host 2.0                                                                                  |
| Inputs                        | 4 units (Low 0-3,2V, High 8-30V)                                                              |
| Outputs                       | 2 units 50mA@12V / 100mA@24V                                                                  |
| General Approvals             | EN 61000-6-4:2001, EN 61000-6-2:2001                                                          |
| Operational Countries         | 240 Countries                                                                                 |