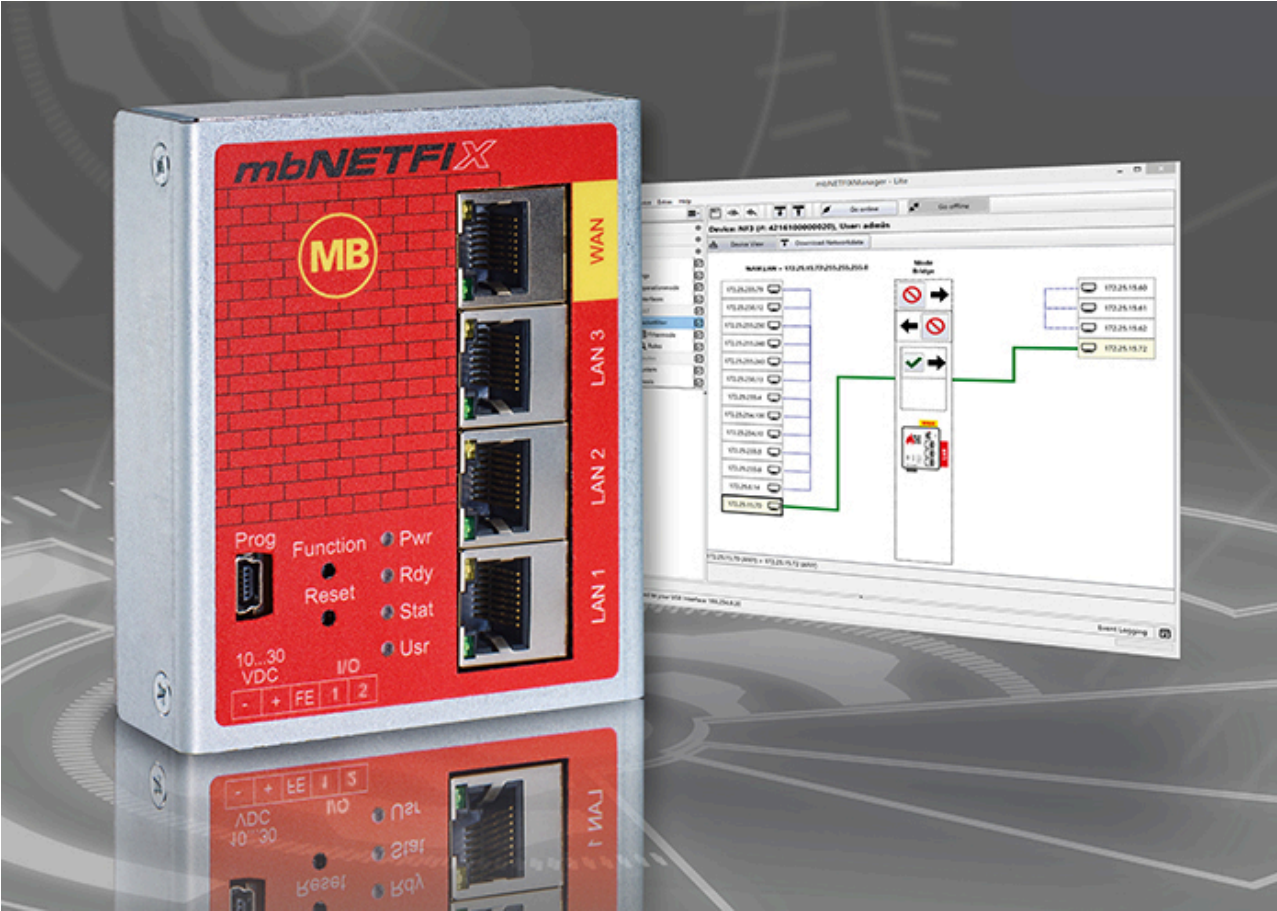


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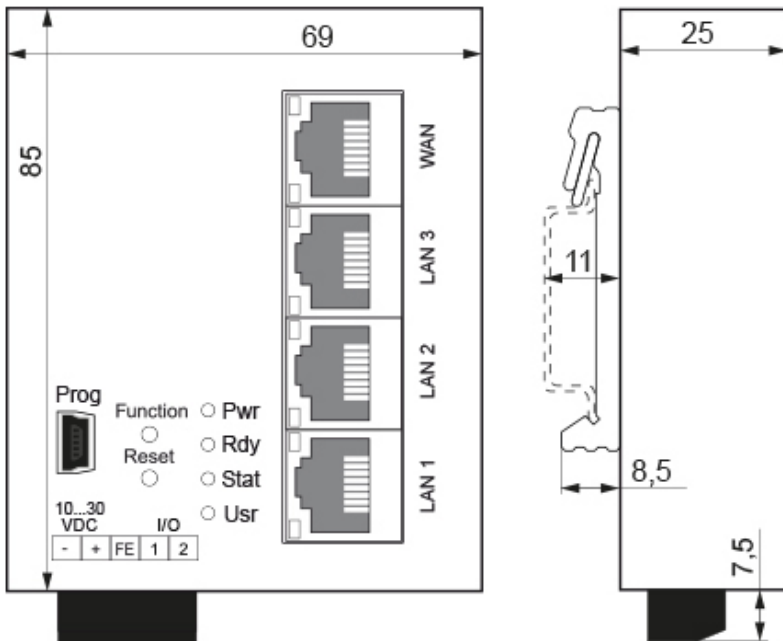
Technical Specifications

NFH100 | Version: 1.2.1 (Jan 25th, 2023) - EN



1 Technical Specifications

Automation Firewall **mbNETFIX** NFH 100
(Item no.: 5.100.200.02.00)



General data	
Voltage --- V (DC)	10 - 30 V DC (SELV and Limited Energy circuit)
Power consumption	max. 250 mA @ 24 V
IP protection class	IP 30*
Area of application	Dry environments
Operating temperature	-40 – 75 °C
Storage temperature	-40 – 85 °C
Humidity	0 – 95% (non condensing)
Weight	235 g
Dimensions	69 mm x 33,5 mm x 92,5 mm (W x D x H)
Housing (material)	metal
Mounting	DIN rail mounting (based on DIN EN 50022)

* at full occupancy of all connections and interfaces. Alternatively, unused interfaces can be covered with dust protection plugs.

Interfaces	Number	Description
USB interface	1 x	USB slave 2.0 mini
Digital inputs	2 x	10 – 30 V DC (low 0 – 3,2 V DC, high 8 – 30 V DC)
LAN interfaces	3 x	10/100 Mbit/s full and half duplex operation, autodetection patch cable / crossover cable
WAN interfaces	1 x	10/100 Mbit/s full and half duplex operation, autodetection patch cable / crossover cable

Network / Security

Operating modes	Bridge / Gateway mode
Routing	In Gateway mode <ul style="list-style-type: none"> Between WAN and LAN with static routing table
NAT	In Gateway mode <ul style="list-style-type: none"> Forwarding (DNAT): IP and port forwarding in gateway mode for WAN > LAN and LAN > WAN SimpleNAT: Redirect additional WAN-IP to LAN-IP NetworkNAT: complete network switching of WAN / LAN with virtual IP ranges SNAT: changing the sender IP with the IP address of the interface
Network filter	In Bridge / Gateway mode <ul style="list-style-type: none"> IP / port / protocol filter MAC filter Separate filter for sender and destination. WAN > LAN and LAN > WAN separately adjustable Black / White listing
Network learning function	In Bridge / Gateway mode <ul style="list-style-type: none"> Taking over of network traffic as filter rules Output of a network list <p>Configuration via management software (Windows) or CLI via SSH</p>
Access control	Four different access levels selectable
Services	NTP client, Syslog client



Certificates / Declarations of Conformity can be downloaded from www.mbconnectline.com.



MB connect line GmbH offers universal solutions for worldwide remote maintenance of machines and equipment. The specialists at MB connect line can draw on years of experience and extensive know-how.

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Despite a detailed description of the device and its functions, we cannot be held liable for the correctness of the content. The latest information can be obtained on our homepage. We welcome any comments or suggestions for improvement.

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