

mbNETFIX | RA10C

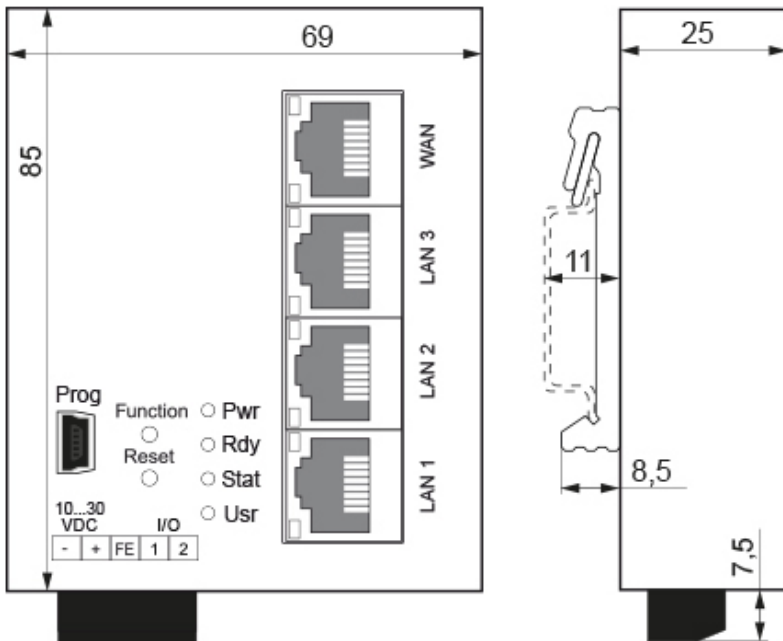
Technical Specifications

NFH100 | Version: 1.2.2 (May 15th, 2023) - EN



1 Technical Specifications

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



General data	
Voltage $\text{---} \text{ V (DC)}$	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



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