

Anybus Defender Compact 1004 - NAT/FW

Item number: ABD1004-NATFW

Industrial firewall with 4x 10/100 Mbit ports that offers protection against attacks by segmenting the production network into manageable and logically separated sections. It supports use-cases including Network Address Translation (NAT), routing, white and blacklisting of IP and MAC address and has an easy to use PLC like programming software specifically designed for operational environments.



Industrial Firewall for NAT and Network Segmentation

Features and benefits

✓ Interfaces

1x WAN and 3x LAN port switch, configurable in transparent bridge mode or NAT/Routing mode with static routes.

✓ Network Address Translation

Versatile NAT functionalities, eg 1: 1 NAT, SimpleNAT and port forwarding.

✓ Firewall

MAC address, IP, port and protocol filters for monitoring and restricting data traffic.

✓ PLC Programming Interface

The mbNETFIX Manager Windows software assists the automation user in creating a project and setting up the device. It is designed to resemble the user interface of a PLC programming software.

✓ Learning mode

Capability to initially implement in listen mode, you can see the traffic in the graphical user interface (GUI), as spotted by the firewall.

✓ Security by design

Security implemented right from the beginning of the design process. Including secure boot and project configurations encrypted and uniquely paired by means of an RSA key.

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General

Net Width (mm)	69
Net Height (mm)	92.6
Net Depth (mm)	38.5
Net Weight (g)	235
Packed Width (mm)	136
Packed Height (mm)	52
Packed Depth (mm)	130
Packed Weight (g)	370
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Max value at Vcc nom (mA)	250mA
Input Voltage (V)	24VDC
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Metal Housing
Warranty (years)	3

Identification and Status

Product ID	ABD1004-NATFW
Country of Origin	Germany

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Identification and Status

HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A992.c

Physical Features

Contains Battery	No
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Certifications and Standards

Protection Class IP	IP30
Product Certifications	RoHS, WEEE, EMC, RCM, UKCA, CE, UL