

**HIRSCHMANN**A **BELDEN** BRAND**Product information****Configurable Fast Ethernet Industrial Firewall System -  
EAGLE20-0400999TT999ECCZ9HSE3F02.0.**

Industrial Ethernet:Industrial Firewall System:EAGLE20/30:with HiSecOS 2.0:Configurable Fast Ethernet Industrial Firewall System

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49853-206245-433315-433309/en/EAGLE20-0400999TT999ECCZ9HSE3F02.0./uistate>

Name	Configurable Fast Ethernet Industrial Firewall System
	
Delivery informations	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet type. 4 x 10/100 Mbit/s Ethernet Ports, Twisted Pair / RJ45.
Availability	available
Product description	
Description	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet type. 4 x 10/100 Mbit/s Ethernet Ports, Twisted Pair / RJ45.
Port type and quantity	4 ports in total, Ports Fast Ethernet: 4 x 10/100BASE TX, RJ45
Type	EAGLE20-0400999TT999ECCZ9HSE3F02.0.
Order No.	942 058-999
More Interfaces	
Power supply	2 x plug-in terminal block, 2-pin
Signaling contact	1 x plug-in terminal block, 2-pin
Digital Input	1 x plug-in terminal block, 2-pin
V.24 interface	1 x RJ11 socket
USB interface	1 x USB to connect the AutoConfiguration Adapter ACA22-USB
SD-card slot	1 x SD card slot to connect the auto configuration adapter ACA31
Network size - length of cable	
Twisted pair (TP)	0 m ... 100 m
Network size - cascadability	
Line - / star topology	any
Power requirements	
Operating voltage	2 x 24/36/48 VDC (18-60 VDC)
Power consumption	12 W
Security	
Stateful inspection firewall	Firewall rules (incoming/outgoing, management), DoS prevention, MAC filter
Encryption	Enhanced encryption (>56 Bit, up to 256Bit DES) Management access
Software	
Management	SNMPv3, SSH2/SFTP, HTTP, HTTPS, V.24 CLI, SNMPv1/2, local and central user management (RADIUS), HiDiscovery, Industrial HiVision, HiView
Multipoint VPN	IPSec VPN
Diagnostics	LEDs (Power, Linkstatus, Daten, status, ACA, RM), Meldekontakt (24 V DC / 1 A), Log-File, Syslog, Konfigurationscheck, RMON (Statistik), SFP-Diagnose (Temperatur, optische Sende-und Empfangsleistung), Trap für Änderungen und Konfiguration speichen, ACL Rules counter
Configuration	Command Line Interface (CLI), web interface, Auto Configuration Adapter (ACA22, ACA31), HiDiscovery, Industrial HiVision, HiView
Security	Layer 3 and Layer 2 Access Control Lists (ACL), ACL flow based limiting, Audit Trail, HTTPS, SSHv2, SFTP, SNMPv3, Management VLAN, Role based Access Control, IEEE1686 compliant configuration possible, Ingress storm protection
Routing	VLAN and port based routing, static routing, multinetting, IP masquerading, 1-to-1 NAT, port forwarding, Static and Dynamic ARP entries, OSPFv2
Redundancy functions	VRRP (Virtual Router Redundancy Protocol)
Filter	QoS 8 classes, port prioritisation IEEE 802.1D/p, VLAN IEEE 802.1Q, HTTPS, SSH, SNMP V1/V3, LLDP
Time synchronisation	NTP
Flow control	Flow control (IEEE802.3X)
Miscellaneous	Support for WAN Interface SHDSL, Support for FE/GE Twisted Pair SFP
Ambient conditions	
Operating temperature	-40 °C ... 70 °C
Note	IEC 60068-2-2 Dry Heat Test +85°C 16 Hours
Storage/transport temperature	-40 °C ... 85 °C

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<b>Relative humidity (non-condensing)</b>	10 % ... 95 %
<b>Protective paint on PCB</b>	Yes (conformal coating)
<b>Mechanical construction</b>	
<b>Dimensions (W x H x D)</b>	98 mm x 164 mm x 120 mm
<b>Mounting</b>	DIN Rail
<b>Weight</b>	1500 g
<b>Protection class</b>	IP20
<b>Mechanical stability</b>	
<b>IEC 60068-2-27 shock</b>	15 g, 11 ms duration, 18 shocks
<b>IEC 60068-2-6 vibration</b>	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
<b>EMC interference immunity</b>	
<b>EN 61000-4-2 electrostatic discharge (ESD)</b>	8 kV contact discharge, 15 kV air discharge
<b>EN 61000-4-3 electromagnetic field</b>	35 V/m (80-2700 MHz); 1 kHz, 80% AM
<b>EN 61000-4-4 fast transients (burst)</b>	4 kV power line, 4 kV data line
<b>EN 61000-4-5 surge voltage</b>	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line, IEEE1613: power line 5 kV (line/earth)
<b>EN 61000-4-6 conducted immunity</b>	10 V (150 kHz-80 MHz)
<b>EMC emitted immunity</b>	
<b>FCC CFR47 Part 15</b>	FCC 47 CFR Part 15 Class A
<b>EN 55022</b>	EN 55022 Class A
<b>Approvals</b>	
<b>Basis Standard</b>	CE, C-Tick, EN 61131, EN 60950
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Device, terminal block, operating instructions, manual on CD
<b>Accessories to order separately</b>	Rail power supply RPS 30, RPS 80 EEC, RPS 120 EEC, terminal cable, network management Industrial HVision, auto-configuration adapter ACA22-USB EEC or ACA31, 19" installation frame

For more information please contact:

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