



Product information Configurable Industrial Firewall System - EAGLE20-0400999TT999TK9V9HSE3F01.0.

Industrial Ethernet:Industrial Firewall System:EAGLE20/30:Configurable Industrial Firewall System

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49853-206245-206110/en/EAGLE20-0400999TT999TK9V9HSE3F01.0./uistate>

Name	Configurable Industrial Firewall System
	
	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet type. 4 x 10/100 Mbit/s Ethernet Ports, only Twisted Pair / RJ45. Early Access Release firmware version, with limited router data throughput.
Delivery informations	
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, only Twisted Pair / RJ45. Early Access Release firmware version, with limited router data throughput.
Port type and quantity	4 ports in total, Ports Fast Ethernet: 4 x 10/100BASE TX, RJ45
Type	EAGLE20-0400999TT999TK9V9HSE3F01.0.
Order No.	942 058-999
More Interfaces	
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 ACA21-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 - cascading	
Line - / star topology	any
Power requirements	
Operating voltage	1 x 60/110/125/220/250 VDC (48-320 VDC); 110/120/220/230 VAC (88-265 VAC)
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	
Diagnostics	LEDs (power, link status, data, status, ACA, RM), signal contact (DC 24 V / 1 A), logfile, syslog, configuration check, RMON (statistics), SFP diagnostics (temperature, optical transmit and receive power), trap for changes and configuration saves.
Configuration	Command Line Interface (CLI), web interface, Auto Configuration Adapter (ACA21, ACA31), HiDiscovery, Industrial HiVision
Routing	Static routing, Layer 3 Access Control Lists. Routing throughput will be optimized via an updated driver in the next firmware release.
Filter	QoS 8 classes, port prioritisation IEEE 802.1D/p, VLAN IEEE 802.1Q, HTTPS, SSH, SNMP V1/V3, LLDP
Time synchronisation	NTP/SNTP
Flow control	Flow control (IEEE802.3X)
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
Relative humidity (non-condensing)	10 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	98 mm x 164 mm x 120 mm
Mounting	DIN Rail
Weight	1500 g
Protection class	IP30



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Mechanical stability

IEC 60068-2-27 shock 15 g, 11 ms duration, 18 shocks

IEC 60068-2-6 vibration 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

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD) 8 kV contact discharge, 15 kV air discharge

EN 61000-4-3 electromagnetic field 35 V/m (80-2700 MHz); 1 kHz, 80% AM

EN 61000-4-4 fast transients (burst) 4 kV power line, 4 kV data line

EN 61000-4-5 surge voltage power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line IEC61000-4-5: power line 5 kV (line/earth)

EN 61000-4-6 conducted immunity 3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)

EMC emitted immunity

FCC CFR47 Part 15 FCC 47 CFR Part 15 Class A

EN 55022 EN 55022 Class A

Approvals

Substation IEC 61850-3, IEEE 1613

Scope of delivery and accessories

Scope of delivery Device, terminal block, operating instructions, manual on CD

Accessories to order separately Rail power supply RPS 30, RPS 80 EEC, RPS 120 EEC, terminal cable, network management Industrial HiVision, auto-configuration adapter ACA21 or ACA31, 19" installation frame

For more information please contact:

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