



Product information Configurable Gigabit Industrial Firewall System - EAGLE30-0402206TT999SK9V9HSE3F01.2.

Industrial Ethernet:Industrial Firewall System:EAGLE20/30:with HiSec0S 1.2:Configurable Gigabit Industrial Firewall System	
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Name	Configurable Gigabit Industrial Firewall System
	
	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet, Gigabit Uplink type. 4 x 10/100 Mbit/s Ethernet Ports, 2 x 100/1000 Mbit/s Ethernet Ports, 2 x SFP slots, Twisted Pair / RJ45.
Delivery informations	
Availability	available
Product description	
Description	Industrial firewall and security router, DIN rail mounted, fanless design. Fast Ethernet, Gigabit Uplink type. 4 x 10/100 Mbit/s Ethernet Ports, 2 x 100/1000 Mbit/s Ethernet Ports, 2 x SFP slots, Twisted Pair / RJ45.
Port type and quantity	6 ports in total, Ports Fast Ethernet: 4 x 10/100BASE TX, RJ45 ; Gigabit Ethernet Ports: 2 ; Uplink Ports: 2 x SFP slot
Type	EAGLE30-0402206TT999SK9V9HSE3F01.2.
Order No.	942 058-999
More Interfaces	
Power supply	1 x plug-in terminal block, 3-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
Multimode fiber (MM) 50/125 µm	see SFP LWL-Modul M-SFP-SX/LC and M-SFP-LX/LC
Multimode fiber (MM) 62.5/125 µm	see SFP LWL-Modul M-SFP-SX/LC and M-SFP-LX/LC
Single mode fiber (SM) 9/125 µm	see SFP LWL-Modul M-SFP-LX/LC
Single mode fiber (LH) 9/125 µm (long haul transceiver)	see SFP LWL-Modul M-SFP-LH/LC and M-SFP-LH+LC
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)
Power consumption	14 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
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 speichern, 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
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



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Flow control	Flow control (IEEE802.3X)
Miscellaneous	Support for WAN Interface SHDSL, Support for FE/GE Twisted Pair SFP
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 85 °C
Relative humidity (non-condensing)	10 % ... 95 %
Mechanical construction	
Dimensions (W x H x D)	90 mm x 164 mm x 120 mm
Mounting	DIN Rail
Weight	1200 g
Protection class	IP20
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, IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	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	
Basis Standard	CE, C-Tick, EN 61131, EN 60950
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 ACA22-USB EEC or ACA31, 19" installation frame

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