



Technical data sheet

AK-RailPort-XXL



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Industrial device server to integrate serial terminals in a network

The AK-RailPort-XXL possesses two serial RS232 or RS485 interfaces. Each interface can be individually set and allows data rates of up to 1.000.000 bauds. Furthermore, it is possible to additionally set emulations, such as modems, Auto-Connect, Connect-On-Data, TCP / UDP - Client with up to 10 parallel connections, TCP/UDP servers, tunnel mode with transfer of signal statuses such as settings, e-mail client including sending and receiving of e-mails. Furthermore, an additional SD card holder is available which allows saving one's own homepage or JAVA – Applets. It can be plugged on each 35mm top hat / DIN rail EN 60715 (50022).

Views



Supported systems

1. Microsoft Windows 7
2. Microsoft Windows Vista
3. Microsoft Windows 2003
4. Microsoft Windows 2000
5. Microsoft Windows XP
6. Microsoft Windows NT 4.0
7. Microsoft Windows ME
8. Microsoft Windows 98
9. Microsoft W95
10. Linux
11. UNIX

Emulations and functions

- Modem Emulation
- Connect-On-Data
- Auto-Connect
- Tunnel-Mode
- DYNDNS-Client
- FTP-Server
- LPR-Server
- TTL – IO
- 20KB Flashdrive
- Flash-File-System
- SD- und DF-CARD
- E-Mail – Client
- TCP/UDP -Client
- TCP/UDP –Server
- SYSLOG-Client

Technical Data

Dimensions:

87 x 62 mm (WxH)

Temperature range:

-40°C .. + 70°C

Standards

CE / WEEE / RoHS
EN 55022 Class B
EN 55024 Class A

System of protection

IP30

Power supply:

7-32 volts / 0,96 watt
(such as 12 volts = 80mA)

Fixture

35mm top hat / DIN rail
EN 60715 (50022)

Connections RS485

2 x Removable socket terminal
strips included threaded
terminal end
Grid 5.08mm

Connections RS232

2 x 9 pole Sub-D pin

RS232

Baud rate: up to 1MBaud
DataBits: 7,8
Parity: Odd,Even,None
Mark,Space
Signals: TXD, RXD, RTS,
CTS, DSR, DTR,
DCD,RI, GND

RS485

Baud rate: up to 1MBaud
DataBits: 7,8
Parity: Odd,Even,None
Mark,Space
Signals: XD, RXD, GND

SD CARD slot

up to 4 GByte
FAT16
PC compatible

Ethernet (M-DIX)

10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing

Supported protocols IP-Dual-Stack

- | | |
|------------|------------------|
| 1. IPv4 | 20. IPv6 |
| 2. TCP | 21. NDP |
| 3. UDP | 22. ICMPv6 |
| 4. FTP | 23. DHCPv6 |
| 5. TFTP | 24. TCPv6 |
| 6. ICMP | 25. UDPv6 |
| 7. ARP | 26. Netbios-NS |
| 8. SNMP | 27. LLMNR |
| 9. LPR | 28. ZeroConfig |
| 10. DHCP | - APIPA |
| 11. BOOTP | - AutoIP |
| 12. DNS | 29. IP-Multicast |
| 13. TELNET | |
| 14. HTML | |
| 15. http | |
| 16. DYNDNS | |
| 17. SMTP | |
| 18. POP3 | |
| 19. SYSLOG | |

Management

1. Telnet
2. Browser
3. Serial Interface