AK-RailPort-ADSL

■ MADE
■ IN
■ GERMANY

Industry – ADSL2+ Router
in DIN rail format for control cabinets

The **AK-RailRail-ADSL** is an industrial and robust broadband router allowing you a direct access to the Internet. It complies with all common standards such as ADSL, ADSL2 as well as ADSL2+ and attains highest speeds of up to 24Mbps downstream and 1Mbps upstream. The integrated high-speed ADSL – modem is available for the DSL connections (Annex B) as well as analogous connections (Annex A). Its flexibility and easy handling is rounded up by different firewall functions, a DHCP server and its easy configuration via an integrated Web-Server. It can be plugged on any 35mm top-hat / DIN rail EN 60715 (50022).

Technical data

- **Dimensions:**
  87 x 62 mm (WxH)

- **Temperature range:**
  -20℃ .. + 70℃

- **Standards**
  CE / WEEE / RoHS
  EN 55022 Class B
  EN 55024 Class A

- **System of protection**
  IP30

- **Power supply:**
  7-32 volts / 2,4 watt
  (such as 12 volts = 200mA)

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

- **Connections**
  1 x ADSL
  1 x power supply
  Removable socket terminal strips
  included threaded terminal end
  Grid 5.08mm

  1 x RJ45

- **Ethernet (M-DIX)**
  10 Half Duplex
  10 Full Duplex
  100 Half Duplex
  100 Full Duplex
  AutoSensing

- **ADSL**
  ANSI T1.413 Issue 2 (ADSL)
  ITU-T G.992.1 (G.dmt)
  ITU-T G.992.2 (G.lite)
  ITU-T G.992.3/4 (ADSL2)
  ITU-T G.992.3 Annex L (RE-ADSL)
  ITU-T G.992.5 (ADSL2+)
  ITU-T G.992.5 Annex M (ADSL2+M)

Routing und Encapsulation

- RFC2684 Bridge and Routed LLC and VC Mux support
- RFC2364 PPPoA Client support
- RFC2516 PPPoE Client support
- RFC2225/RFC1577 Classical IP Support
- Transparent Bridge Support
- PAP/CHAP/MS-CHAP for Password Authentication Support

Supported protocols

- Static IP, Dynamic RIP routing support
- IP/TCP/UDP/ICMP/ARP/RARP Application Support
- Network Address Translation(NAT)
- Port Mapping/Forwarding
- DynDNS
- DHCP Server/Relay/Client
- DNS Relay Agent
- DMZ support

Management

1. Telnet
2. Browser

Views

Order numbers

AK-RailPort-ADSL-B
for digital connections
(for example = Germany)

AK-RailPort-ADSL-A
for analogous connections