Easylon® Router+

LON/IP Router for ISO/IEC 14908 Compatible Networks

- Router in TP/FT-10 and to LON/IP-852 networks
- Channel routing, subnet-/node routing
- Integrated configuration server
- Remote network interface for VNI and MIP applications
- Usable as NTP server
- Multi-language browser interface for setup and diagnosis

The Easylon Router+ connects ISO/IEC 14908-2 compatible network segments, as well as TP/FT-10 and LON/IP-852 networks, according to the ISO/IEC 14908-4 standard. Furthermore the device operates as configuration server in LON/IP networks.

Fitted with Ethernet interface and 2 LON TP/FT-10 interfaces the 3-port version of the device can be used in versatile manner: As router between two segments of a TP/FT network or to a LON/IP network. The latter allows implementation of fast backbone structures. The device is also available as a 2-port variant with only one TP/FT interface.

Parameterization of the Easylon Router+ is easily achieved via its multilingual web interface, by which extensive diagnosis information can as well be called from the device.

PC based applications, such as a network management tool, accessing the TCP/IP channel will additionally need the Easylon IP Interface software.

Configuration Server

The Easylon Router+ provides an integrated Configuration Server. Using the web interface all settings are easily handled including access to the settings of other LON/IP devices.

Network Interface for Remote Access

Installed at the LONWORKS network and connected to it and via Ethernet into the Internet, the device can as well serve as a TCP/IP network interface. Using the Easylon RNI software this is a cost effective and reliable solution for remote network access for VNI or MIP based PC applications, compared to a special PC at the network.

INTERFACES

Network Interfaces

Transceiver	1 or 2 x TP/FT-10, depending on variant
Connector	3 pin screw-plug terminals (0.5–2.5 mm²)
Ethernet Interface	LON/IP-852 according to ISO/IEC 14908-4
Transmission rate	10/100 Mbps
Connector	RJ45

POWER SUPPLY

Voltage	24 V DC (10–30 V)
Consumption	typically: <2,5 W, max = 3,6 W
Connector	3 pin screw-plug terminals (0.5–2.5 mm²)

DISPLAY & OPERATION

LEDs	- Status
	- Ethernet
	- Channel / Reset
	- LON IP
	- LON 1
	- LON 2
Taster	- Service Pin
	- Factory Reset

FEATURES

Real-time clock	Gold Cap buffered, >6 d
Watchdog	
Voltage Monitoring	
Temperature Sensor	displayed in Web Interface

DIMENSIONS & ENVIRONMENTAL CHARACTERISTICS
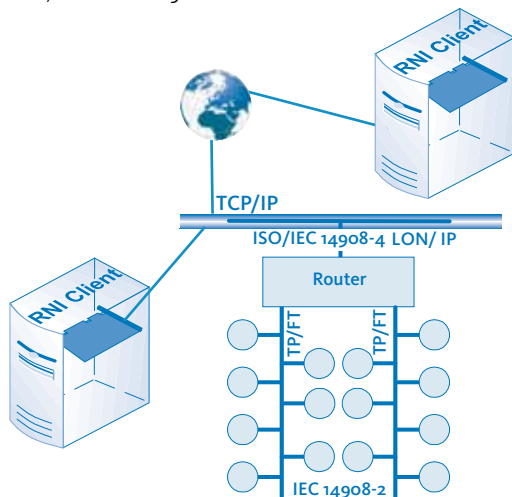
Dimensions	107 x 90 x 58 [mm], 6 units acc. to DIN 43880	
Mounting	DIN rail (EN 60715: 35 x 15, 35 x 7.5)	
Temperature	operating	0 – +55 °C
	storage	0 – +55 °C
Humidity	class F, accord. DIN 40040, 5 – 93 %, no condensation	
Protection class	IP 20	
EMC	emission	EN 55 022 B
	immunity	EN 61000-6-2/3/4/5
Flammability	UL94-V0, self-extinguishing	

EASYLON ROUTER+

2 x TP/FT-10, 1 x LON/IP-852	P.I30106
1 x TP/FT-10, 1 x LON/IP-852	P.I30116

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