



INTERFACES

Network Interfaces

Transceiver Connector	1 or 2 x TP/FT with FT-X2, depending on variant 3 pin screw-plug terminals (0.5–2.5 mm ²)
Ethernet Interface	LON over IP 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 mm ²)

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	Display in Web Interface

DIMENSIONS & ENVIRONMENTAL CHARACTERISTICS

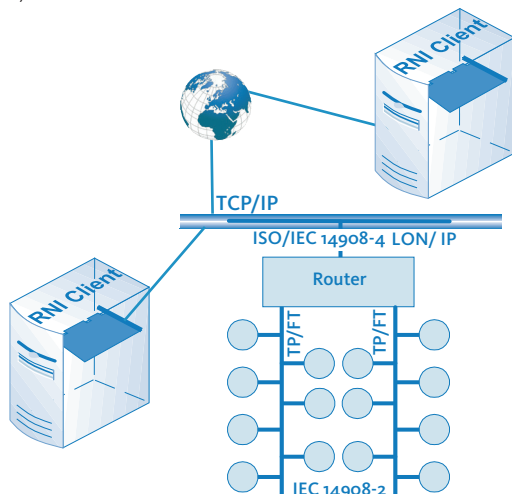
Dimensions	107 x 90 x 58 [mm], 6 units acc. to DIN 43880	
Mounting	DIN rail (EN 60715: 35 x 15, 35 x 7.5)	
Temperature	operating	0 – +55 °C
	storage	0 – +55 °C
Humidity	class F, accord. DIN 40040, 5 – 93 %, no condensation	
Protection class	IP 20	
EMC	emission	EN 55 022 B
	immunity	EN 61000-6-2/3/4/5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

EASYLON ROUTER⁺

2 x TP/FT, 1 x LON/IP
1 x TP/FT, 1 x LON/IP

P.130106

P.130116



Easylon[®] Router⁺

LON/IP Router for ISO/IEC 14908 Compatible Networks

- Router in TP/FT and to LON/IP 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 and LON/IP 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 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 an ISO/IEC 14908-4 based 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 multi-lingual 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.