

RA10C



Compact Industrial Firewall

THE RA10C COMPACT INDUSTRIAL FIREWALL OFFERS PROTECTION AGAINST ATTACKS BY SEGMENTING THE PRODUCTION NETWORK INTO MANAGEABLE AND LOGICALLY SEPARATED SECTIONS. THE BUILT-IN SELF-LEARNING FUNCTION SIMPLIFIES DEPLOYMENT BY REDUCING CONFIGURATION ERRORS AND IS EASY ENOUGH FOR ANYBODY TO DEPLOY.

MANAGING THE RA10C IS EASY. SIMPLY CREATE A PROJECT AND UPLOAD IT TO THE DEVICE. IF CHANGES ARE REQUIRED, THEY CAN BE MADE DURING NORMAL OPERATION OR OFFLINE AND UPLOADED.

- ▲ Compact industrial firewall
- ▲ Automatic learning of network traffic
- ▲ Graphical representation of device configuration
- ▲ Easily adds security to new or existing deployments
- ▲ Two digital inputs via on-board I/O



Ordering Guide

INDUSTRIAL FIREWALL

PART NUMBER	DESCRIPTION
RA10C00000000D0	Compact Industrial Firewall with LAN/WAN, DIN Rail Mount (AMER)
RA10C00000000DA	Compact Industrial Firewall with LAN/WAN, DIN Rail Mount (RoW)

▲ RA10C Specifications

▲ Specifications

Power Input

Input Voltage: 10 to 30 VDC

Current Consumption: Max 250 mA @ 24 V

Communication Properties

Ethernet Interfaces:

LAN: Three (3) 10/100 BASE-T(X) RJ45 ports

WAN: One (1) 10/100 BASE-T(X) RJ45 port

USB Device Port:

One (1) USB Device 2.0 mini port

On-board I/O

Digital Inputs:

Two (2) 10 to 30 VDC (low 0 to 3.2, high 8 to 30 VDC)

Networking Capabilities

Operating Modes: Bridge / Gateway mode

Routing:

Gateway Mode: Between WAN and LAN with static routing table

NAT:

Gateway Mode: Forwarding (DNAT), SimpleNAT, NetworkNAT, SNAT

Network Filter:

Bridge / Gateway mode: IP/port/protocol filter, MAC filter, WAN>LAN and LAN>WAN, Black/White listing

Network Learning Function:

Bridge / Gateway mode: Taking over of network traffic as filter rules, output of network list

Configuration via management software or CLI via SSH

Access Control:

Four different access levels

Services:

NTP Client, Syslog client

Environmental

Operating Temperature Range: -40 to 75 °C

Storage Temperature Range: -40 to 85 °C

Operating and Storage Humidity: 0 to 95% max. RH non-condensing

Certification & Compliance

UL Listed: File # E482663

Construction

Metal enclosure with IP30 rating (when all ports are populated).

Weight: 8.29 oz (235 g)

Mounting

DIN Rail: Attaches to standard "T" profile DIN rail according to

EN50022 - 35 x 7.5 and 35 x 15

Warranty

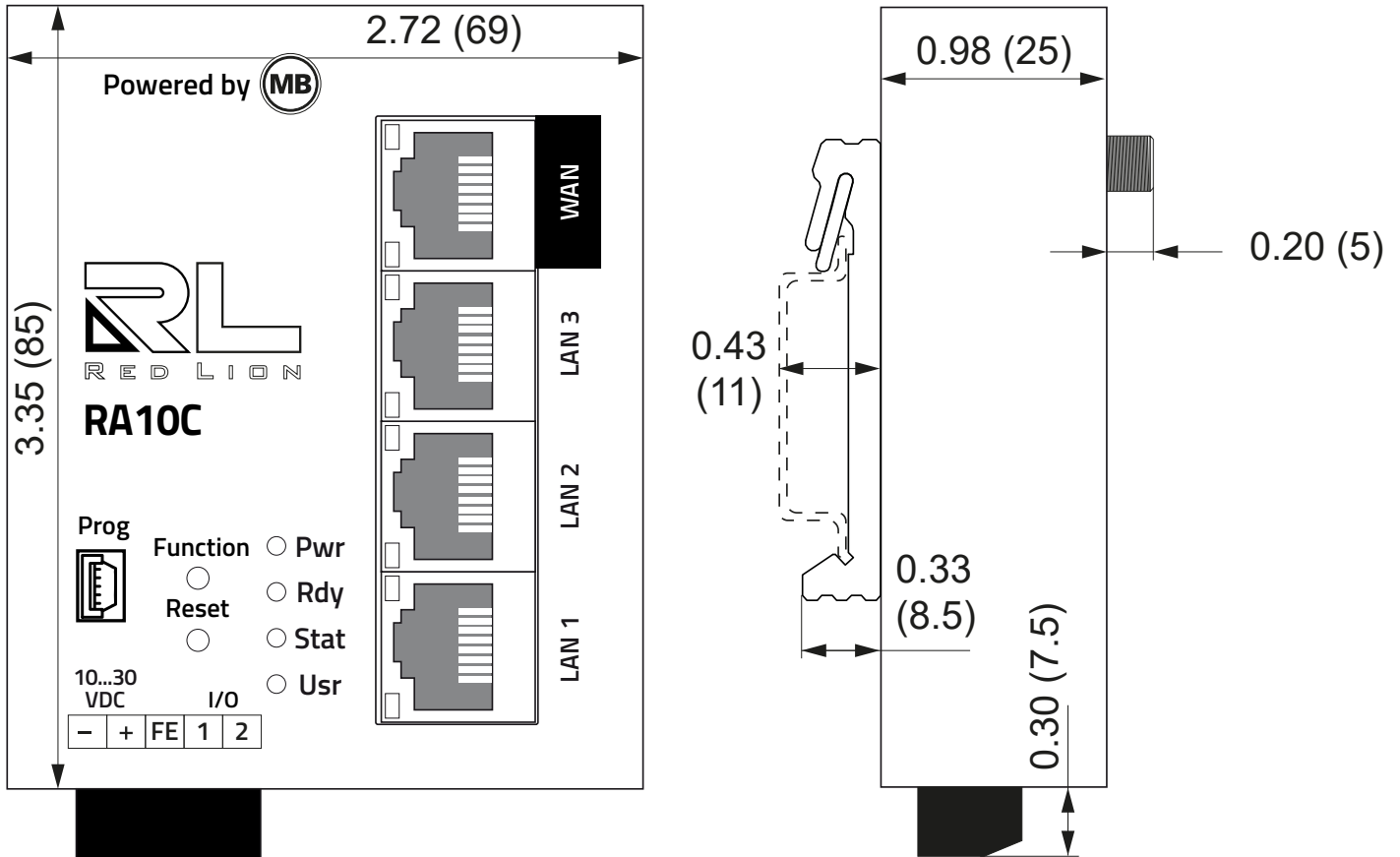
1 year on design and manufacturing defects.

Specifications are subject to change.

Visit www.redlion.net for more information.

▲ RA10C Dimensions

▲ Dimensions In inches (mm)



Red Lion has been delivering innovative solutions to global markets since 1972 through communication, monitoring and control for industrial automation and networking - enabling companies worldwide to gain real-time data visibility that drives productivity. Red Lion is part of Spectris plc, the productivity enhancing instrumentation and controls company.

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