

XLE-EL-PLR-R2-120.240V-12P-4XR

8A Programmable Logic Relay - 120-240V - (6) Inputs,- (4) Outputs - IP20

Product ID: 270905

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

XLE-EL-PLR-R2-120.240V-12P-4XR Programmable Logic Relay

Unit Type: 10-point Programmable Logic Relay

Dimensions: 7.07" x 4" x 1.3"

Weight: 1 lb

Input Voltage: 120V-240V

Inputs: (6) DC Inputs, (2) Analog Inputs

Current Rating: 8A

HP Rating: 1/3HP @ 120V, 1/2HP @ 240V

Maximum Load: Resistive- 8A/point; Inductive- 4A/point

Maximum Operating Time: 15ms (Normal Condition)

Minimum Load: 16.7mA

Programming Languages: Ladder/Function Block

Program Memory: 300 Lines or 260 Function Blocks

Programming Storage Media: Flash

Execution Speed: 10ms/cycle

LCD Display: 4 Lines x 16 Characters

Function Keys: 8, 4 User-defined (Z Inputs)

Auxiliary Coils: 126 (63 M-coils, 63 N-coils)

Timers: 31 T-coils

Ratings/Approvals

IP20

Timing Ranges: 0.01s–9999min
Counters: 31 C-coils
RTC (Real Time Clock): 31 R-coils
Resolution: 1 Min
Time Span Available: Week, Year, Month, Day, Hour, Min
Daylight Savings Feature: Yes
Power Off RTC Retention: 240 Hours
Compare Instructions (Analog, Timer, or Counter Values): 31 G-coils
Compare Functions: EQ, LT, GT, LE, GE, NE
PID Control (Proportional-Integral-Derivative): 15 Loops (PI Coils)
Math Instructions: 62 (31 AS Coils, 31 MD Coils) Up to 124 Additional (Plus Unused T, C, R, G coils)
Math Operations: + - x /
Data Multiplexer Instructions: 15 (MX Coils)
Resolution: 2-bit, 4 Data Registers
Data Registers: 240 (DR Coils, 16-bit)
Shift Instruction: 1 8-bit (S Coil)
Analog Ramp Instructions: 31 (AR Coils)
Current Consumption: 3.2mA @ 24V DC
Transistor Type: 3-wire PNP Sensor Compatible
High Speed Input Frequency: 1kHz
Standard Input Frequency: < 40 Hz
Required Protection: Inverse Voltage Protection
Resolution: 12 bit
Protection: Short Circuit
Life Expectancy (Rated Load): 100k Operations
Operating Temperature Range: -20° to 55°C
Contact Material: Ag Alloy
Mount: Surface/Wall
Outputs: (4)
Wire Size: 26 to 14 AWG

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

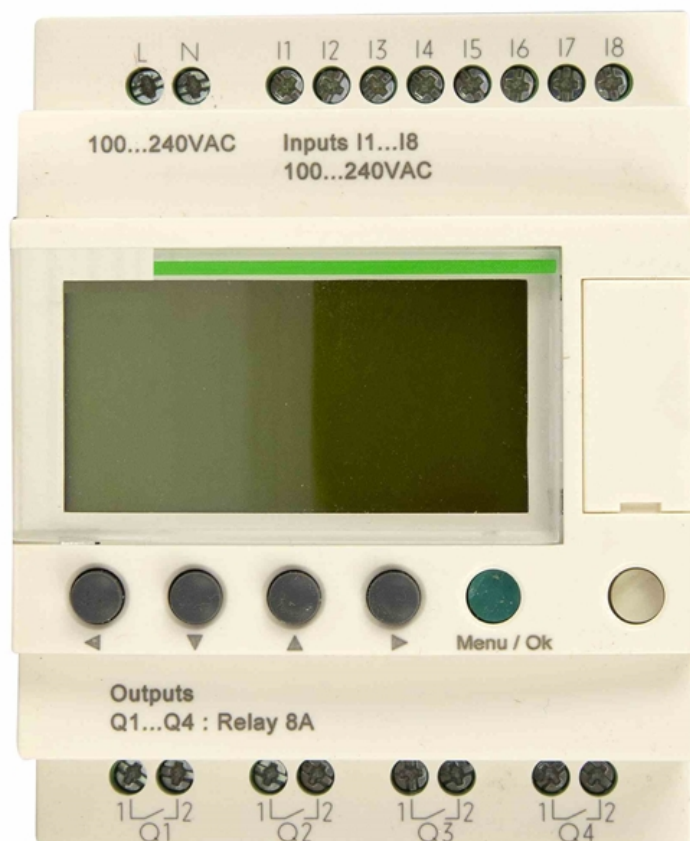
Toll Free: 1-800-369-6671

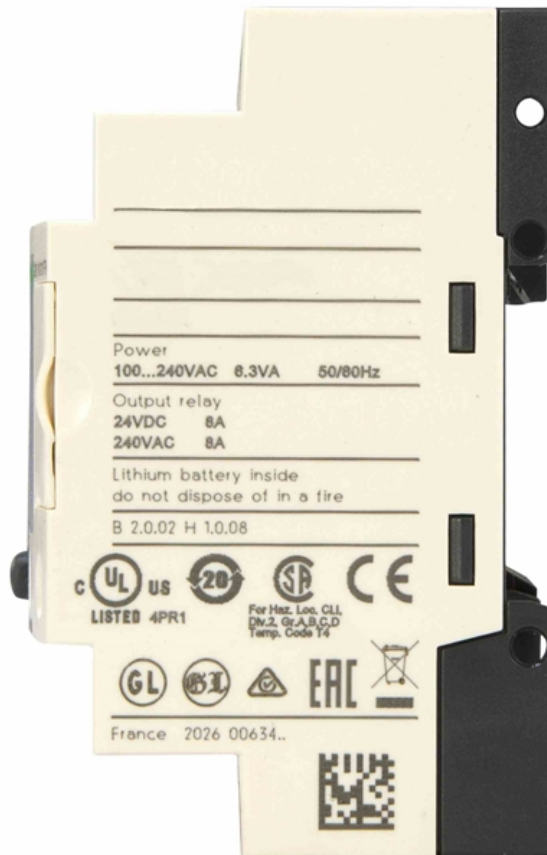
Fax: 1-903-498-3364

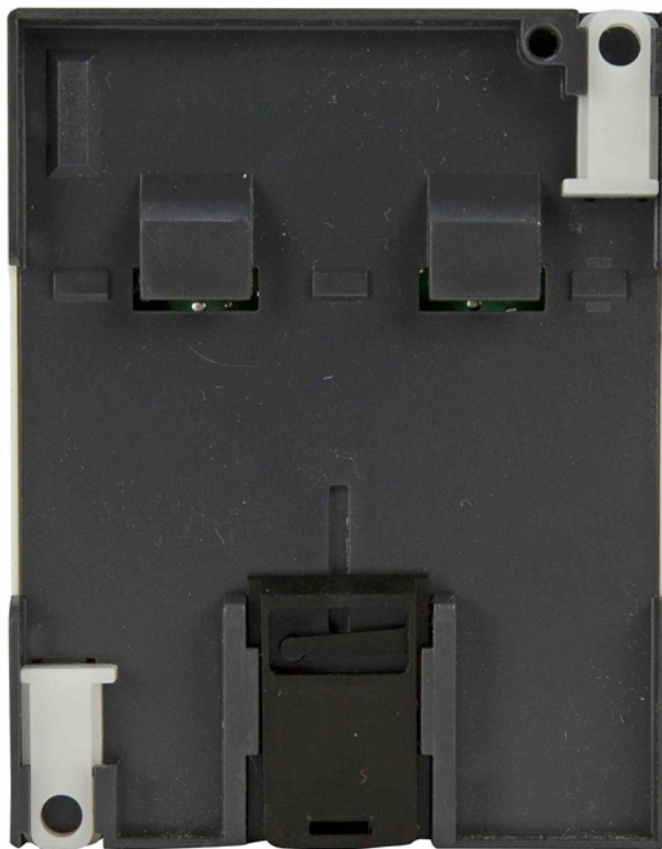
E-mail: sales@larsonelectronics.com

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Frequently Asked Questions (FAQ)









Warranty: 12 Months.

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)