

Allen-Bradley 1769 Series Service Manual

1769-L32C

1. Description

The 1769-L32C controller is a modular controller from the Allen-Bradley CompactLogix series and the 1769 controller product line. It can withstand up to 20 g of operating shock when it is mounted on a DIN Rail and it can withstand up to 30 g of operating shock when it is mounted on a panel. The 1769-L32C modular controller's operating temperature range is from 0 to 60 degrees Technical specifications for 1769-L32C

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1769-L32C
Product	Line CompactLogix
Module	Type Processor Module
Communication	Serial
Memory	750 KB
Shipping	Weight 2 pounds
Shipping	Dimensions 8 x 8 x 5 inches
Series	A and B
Wire	Type Copper-90 degrees Celsius
Wire	Size (Solid) 22 to 14 AWG
Wire	Size (Stranded) 22 to 16 AWG
UPC	10612598313935 Description
The	1769-L32C is a CompactLogix controller that is made by Allen-Bradley/Rockwell Automation. This controller is important because each ControlNet network requires at least one module like it that is able to store parameters and network configuration data after the start-up process. The 1769-L32C can store data and at the same time work as a back-up. All of these actions are automatic. The Allen-Bradley 1769-L32C CompactLogix controller comes with different communication ports which are the RS-232, NAP, and the ControlNet ports on channel 4. It also uses a memory of 750 Kilobytes and it has 16 I/O modules.

3. Product Information

www.oilautotech.com

The 1769-L32C controller is a modular controller from the Allen-Bradley CompactLogix series and the 1769 controller product line. It can withstand up to 20 g of operating shock when it is mounted on a DIN Rail and it can withstand up to 30 g of operating shock when it is mounted on a panel. The 1769-L32C modular controller's operating temperature range is from 0 to 60 degrees Technical specifications for 1769-L32C

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1769-L32C

Product Line CompactLogix

Module Type Processor Module

Communication Serial

Memory 750 KB

Shipping Weight 2 pounds

Shipping Dimensions 8 x 8 x 5 inches

Series A and B

Wire Type Copper-90 degrees Celsius

Wire Size (Solid) 22 to 14 AWG

Wire Size (Stranded) 22 to 16 AWG

UPC 10612598313935 Description

The 1769-L32C is a CompactLogix controller that is made by Allen-Bradley/Rockwell Automation. This controller is important because each ControlNet network requires at least one module like it that is able to store parameters and network configuration data after the start-up process. The 1769-L32C can store data and at the same time work as a back-up. All of these actions are automatic. The Allen-Bradley 1769-L32C CompactLogix controller comes with different communication ports which are the RS-232, NAP, and the ControlNet ports on channel 4. It also uses a memory of 750 Kilobytes and it has 16 I/O modules. The Allen-Bradley 1769-L32C CompactLogix controller has 3 I/O banks and it has a backplane current of 650 milliamps at 5 Volts DC and 40 milliamps at 24 Volts DC. The power dissipation of the 1769-L32C logic module is 4.21 Watts. The battery of the Allen-Bradley 1769-L32C CompactLogix controller can be replaced only by the Allen-Bradley 1769-BA battery.

The Allen-Bradley 1769-L32C CompactLogix controller operates with an operating temperature range of 0 to 60 degrees Celsius and a relative humidity of 5 to 95%. It is important to maintain the right temperature in order to preserve the life of the module. Modules like this one can be easily corroded and damaged. The Allen-Bradley 1769-L32C CompactLogix controller provides status indicators that show the current status of the module. These indicators can be steady, alternating, or flashing when they light up. The 3 of these types of lights have different meanings and are a good way to understand and address different problems the controller may have. Conditions such as a loss of power, a misplaced module on the rack, or major and minor faults can be shown through these status indicators. The Allen-Bradley 1769-L32C CompactLogix controller has an approximate weight of 0.32 kilograms. The 1769-L32C logic module supports 100 connections and can save and restore user applications in the CompactFlash memory. Mfr. Part Number:

1769-L32C

Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen-Bradley 1769-L32C CompactLogix ControlNet Processor, 750 Kbyte Memory

Full Description: Allen-Bradley 1769-L32C CompactLogix ControlNet Processor, 750 Kbyte User Memory; 16 I/O Modules in a maximum of 3 I/O banks with 2 expansion cables;

Communication Ports: RS-232, NAP, ControlNet Channel A, Replacement Battery: 1769-BA

UPC / GTIN: 10612598318602

Status: Discontinued by manufacturer

www.oilautotech.com