

Allen-Bradley 1769 Series Service Manual

1769-IM12

1. Description

Allen Bradley 1769-IM12 CompactLogix 12 PT. 240 VAC Input I-O Module. It operates at 30 volts AC. Copper wiring, designed with an open-style enclosure. Weighs 2lbs and is 8x8x5 inches. Technical specifications for 1769-IM12

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1769-IM12
Product	Line CompactLogix
Module	Type AC Input Module
Communication	Cable 12 Point
Shipping	Weight 2 lbs.
Shipping	Dimensions 8 x 8 x 5 in.
Distance	Rating 8 Modules
Working	Voltage Rating 30 Volts AC/ 30 Volts DC
Replacement	Terminal Block 1769-RTBN18
Wire	Type Copper-90 degrees Celsius
Wire	Size (Solid) 22-14 AWG
Wire	Size (Stranded) 22-16 AWG
UPC	10662468992821 Description
The	1769-IM12 compact 240V AC input module by Allen-Bradley is an AC input module in the compact I/O series which has 12 internally-connected 200 to 240 Volts AC inputs with an operational AC voltage range between 159 to 264 Volts AC at 47 to 63 Hertz and a signal delay ON to OFF time of 20 milliseconds. The 1769-IM12 has a draw current of 100mA and an inrush current of 12mA at 120 Volts AC with an input impedance of 27 kW at 50 Hertz and 23 kW at 60 Hertz. It has a maximum OFF state voltage of 40 Volts AC at 2.5mA and a minimu

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The 1769-IM12 compact 240 Volts AC input module has an operational isolation voltage of 132 Volts AC with IEC Class 2 reinforced insulation tested at 1836 Volts AC for 1 seconds between input points and BUS. It has one slot width and is installed on the panel mount or on a DIN rail using a terminal screw. It is equipped with a power supply module with an 8-module supply distance rating. It dissipates 3.65W heat and is designed with an open-style enclosure for this reason. It uses copper wire circuits with (22-14 AWG) stranded wire or (22-14 AWG) solid wire. The 1769-IM12 weighs approximately 300g (0.61 pounds) and it has dimensions of 118 x 35 x 87 millimeters (4.65 x 1.38 x 3.43 inches). it has a maximum shock rate of 30G and a maximum vibration of 5G at 10 to 500 Hertz. The 1769-IM12's functional relative humidity limit is 95% without condensation and it will still retain optimum power rating at an altitude of 2000 meters (6561 feet). Mfr. Part Number:

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Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen-Bradley 1769-IM12 Compact I/O 12-Points, 240V AC Input Module

Full Description: Allen-Bradley 1769-IM12 Compact I/O 12-Points, 240V AC Input Module, 12 points/group, Internally connected commons, DIN rail or panel mount

UPC / GTIN: 10662468992821

Status: Current Product

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