

Allen-Bradley 1769 Series Service Manual

1769-IG16

1. Description

Allen Bradley 1769-IG16 CompactLogix 16 PT. 5 VDC TTL Input I-O Module. It uses copper wire. Technical specifications for 1769-IG16

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 1769-IG16
Product	Line CompactLogix
Module	Type 16 Point TTL Input Module
Input	Type TTL Input
Communication	Cable 16 Point
Shipping	Weight 2 lbs.
Shipping	Dimensions 8 x 8 x 5 in.
Series	A and B
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 Description
The	1769-IG16 compact input TTL module by Allen-Bradley is an input module with 16 current-sourcing low to true inputs, and an operational voltage range of 4.5 to 5.5 Volts DC. It has a 50mV peak-to-peak ripple voltage and an 8 milliseconds input signal delay time. It is a digital input module with a digital filter with 0 seconds, 100 milliseconds, 500 milliseconds, 1 milliseconds, 2 milliseconds, 4 milliseconds, and 8 milliseconds selectable delay times for both ON to OFF and OFF to ON delay times. The 1769-IG16 has a draw current

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The 1769-IG16 has an isolation voltage of 75 Volts DC with a reinforced insulation type tested at 1697 Volts DC for 1 second between input points and BUS and has a power supply module with 8 modules for supply distance rating. It has a single slot width and is installed on either a DIN rail or the panel mount, using the 6 pounds on an inch terminal screws. It has a functional temperature range between -40 and 85 degrees Celsius (-40 and 185 degrees Fahrenheit) at 5 to 95% non-condensing relative humidity and it is built to operate at an altitude of up to 2000 meters (6561 feet) without de-rating. It has an operational shock rate of up to 30G and can withstand an operational vibration of 5G at 10 to 500 Hertz. The 1769-IG16 weighs approximately 250g (0.55 pounds) and measures 118 x 35 x 87 millimeters (4.65 x 1.38 x 3.43 inches). Mfr. Part Number:

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Manufacturer: Allen-Bradley / Rockwell Automation

Description: Allen-Bradley 1769-IG16 Compact TTL 16-Point Input Module, 5V DC

Full Description: Allen-Bradley 1769-IG16 Compact TTL 16-Input DC Digital Module, 4.5-5.5V DC

UPC / GTIN: 10662074455321

Status: Current Product

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