

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

ROCKWELL / ALLEN-BRADLEY

Rockwell / Allen-Bradley 1769-IQ32

CompactLogix 24V DC 32-Point Sink/Source Input Module

Manufacturer: Allen-Bradley / Rockwell Automation Instrument Type: Compact Discrete Input Module Alias: 1769-IQ32; 1769IQ32; 1769-IQ32K conformal Isolation Test: 1200 Vac for 1 s or 1697 Vdc for 1 s, point to bus and group to group Instrument Type: Compact Discrete Input Module Alias: 1769-IQ32; 1769IQ32; 1769-IQ32K conformal Isolation Test: 1200 Vac for 1 s or 1697 Vdc for 1 s, point to bus and group to group Working Voltage: 75 Vdc (IEC Class II reinforced insulation)



MODEL

Rockwell / Allen-Bradley 1769-IQ32

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1769-IQ32

LISTING

<https://aumictechlabs.com/products/1769-iq32-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Rockwell Automation 1769-IQ32 is a 32-point digital input module for CompactLogix and MicroLogix 1500 PACs, delivering high-density I/O in a compact 1.5-inch slot width. Operating at 24V DC with selectable sink/source configuration, the module accepts input signals across 10–30V DC (@ 30°C) or 10–26.4V DC (@ 60°C), with 8 ms response time on both rising and falling edges. The module organizes 32 channels into four independent groups of eight inputs each, with individual status LEDs and optical isolation rated at 75V DC working voltage (1200V AC / 1697V

DC dielectric test).Removable terminal blocks accommodate 22–14 AWG solid or 22–16 AWG stranded copper wire, torqued to 0.68 N·m. Input impedance measures 5.2 kΩ @ 24V DC and 6.1 kΩ @ 30V DC, with maximum inrush current of 250 mA. The module draws 130 mA from the backplane at 5V DC and dissipates 4.6 W maximum.Rated for 0°C to +60°C operation and DIN rail or panel mounting, the 1769-IQ32 integrates directly with RSLogix 5000 or Studio 5000 programming environments.Technical Specifications Inputs: 32-point, organized as 4 groups of 8 Input Type: 24V DC sink/source selectable Operating Voltage: 10–30V DC @ 30°C; 10–26.4V DC @ 60°C Input Thresholds: On-state minimum 10V DC / 2 mA; off-state maximum 5V DC / 1.5 mA Response Time: 8 ms on / 8 ms off Input Impedance: 5.2 kΩ @ 24V DC; 6.1 kΩ @ 30V DC Maximum Inrush Current: 250 mA Backplane Current Draw: 130 mA @ 5V DC Power Dissipation: 4.6 W maximum Isolation Voltage: 75V DC working; 1200V AC / 1697V DC dielectric tested Module Width: 1.5 inches (1 slot) Dimensions: 118 × 52.5 × 87 mm (4.65 × 2.07 × 3.43 inches) Weight: 440 g (0.97 lbs) Operating Temperature: 0°C to +60°C Storage Temperature: –40°C to +85°C Operating Humidity: 5% to 95% non-condensing Wire Size: 22–14 AWG solid; 22–16 AWG stranded (copper, 90°C rated) Terminal Screw Torque: 0.68 N·m (6 lb·in)Key Features Selectable sink/source input configuration Individual channel status LEDs for diagnostics Four independently isolated input groups Optical isolation protecting logic circuitry Removable terminal blocks for tool-free wiring DIN rail and panel mount capabilityTypical Applications Industrial process control and automation Discrete sensor integration (limit switches, proximity sensors) Multi-zone machine safety circuits Distributed I/O in space-constrained control cabinetsCompatibility & Integration Direct integration with CompactLogix 1769 series and MicroLogix 1500 PACs. Full support in RSLogix 5000 and Studio 5000 programming software.

Features & description

From manufacturer datasheet

Features

- 32 points, 8 per group, 24 Vdc sink/source

1769IQ32 Characteristics / Specifications

PARAMETER	VALUE
Model	1769-IQ32
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	Compact Discrete Input Module
Series	1769 Compact I/O
Alias	1769-IQ32; 1769IQ32; 1769-IQ32K conformal
Inputs	32 (8 points/group)
Voltage Category	24 Vdc sink/source
Operating Voltage 30 C	10 to 30 Vdc
Operating Voltage 60 C	10 to 26.4 Vdc
Input Delay On	8 ms
Input Delay Off	8 ms
Current Draw 5.1 V	170 mA
Heat Dissipation	4.6 W maximum
Off State Voltage Max	5 Vdc
Off State Current Max	1.5 mA
On State Voltage Min	10 Vdc
On State Current Min	2 mA
Inrush Current Max	250 mA
Input Impedance 24 V	5.2 kohm nominal
Input Impedance 30 V	6.1 kohm nominal
Isolation Test	1200 Vac for 1 s or 1697 Vdc for 1 s, point to bus and group to group
Working Voltage	75 Vdc (IEC Class II reinforced insulation)
Weight	440 g (0.97 lb) approximate
Dimensions	118 × 52.5 × 87 mm (4.65 × 2.07 × 3.43 in)
Height With Tabs	138 mm (5.43 in)

PARAMETER	VALUE
Terminal	built-in removable terminal block with fingersafe cover
Operating Temperature	0 to 60 C
Storage Temperature	-40 to +85 C
Humidity	5 to 95% noncondensing
Vibration	5 g at 10-500 Hz
Shock Panel	30 g operating; 40 g nonoperating
Shock DIN	20 g operating; 30 g nonoperating
Certification	c-UL-us Class I Division 2 Groups ABCD; UKCA/CE; RCM; KC
Related IQ32K	conformal coated
Related IQ32T	terminated input variant
Related IQ	16-point sibling Notes Specs from Rockwell 1769-TD006 Compact I/O Modules Technical Data, 1769-IQ32 / IQ32K table. Confirm sink vs source wiring per group commons.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 to +85 C
Operating temperature	0 to 60 C
Operating Temperature	0 to 60 C
Humidity	5 to 95% noncondensing
Vibration	5 g at 10-500 Hz
Shock Panel	30 g operating; 40 g nonoperating
Shock DIN	20 g operating; 30 g nonoperating
Certification	c-UL-us ClassIDivision 2 GroupsABCD; UKCA/CE; RCM; KC
Related IQ32K	conformal coated
Related IQ32T	terminated input variant
Related IQ	16-point sibling Notes Specs from Rockwell 1769-TD006 Compact I/O Modules Technical Data, 1769-IQ32 / IQ32K table. Confirm sink vs source wiring per group commons.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	1769-IQ32
Manufacturer	Allen-Bradley / Rockwell Automation
Instrument Type	Compact Discrete Input Module
Specifications	
PARAMETER	VALUE
Series	1769 Compact I/O
Alias	1769-IQ32; 1769IQ32; 1769-IQ32K conformal
Inputs	32 (8 points/group)
Specifications	
PARAMETER	VALUE
Voltage Category	24 Vdc sink/source
Operating Voltage 30 C	10 to 30 Vdc
Operating Voltage 60 C	10 to 26.4 Vdc
Specifications	
PARAMETER	VALUE
Input Delay On	8 ms
Input Delay Off	8 ms
Current Draw 5.1 V	170 mA
Specifications	
PARAMETER	VALUE
Heat Dissipation	4.6 W maximum
Off State Voltage Max	5 Vdc
Off State Current Max	1.5 mA

Specifications

PARAMETER	VALUE
On State Voltage Min	10 Vdc
On State Current Min	2 mA
Inrush Current Max	250 mA

Specifications

PARAMETER	VALUE
Input Impedance 24 V	5.2 kohm nominal
Input Impedance 30 V	6.1 kohm nominal
Isolation Test	1200 Vac for 1 s or 1697 Vdc for 1 s, point to bus and group to group

Specifications

PARAMETER	VALUE
Working Voltage	75 Vdc (IEC Class II reinforced insulation)
Weight	440 g (0.97 lb) approximate
Dimensions	118 x 52.5 x 87 mm (4.65 x 2.07 x 3.43 in)

Specifications

PARAMETER	VALUE
Height With Tabs	138 mm (5.43 in)
Terminal	built-in removable terminal block with fingersafe cover
Operating Temperature	0 to 60 C

Specifications

PARAMETER	VALUE
Storage Temperature	-40 to +85 C
Humidity	5 to 95% noncondensing
Vibration	5 g at 10-500 Hz

Specifications

PARAMETER	VALUE
Shock Panel	30 g operating; 40 g nonoperating
Shock DIN	20 g operating; 30 g nonoperating
Certification	c-UL-us Class I Division 2 Groups ABCD; UKCA/CE; RCM; KC

Specifications

PARAMETER	VALUE
Related IQ32K	conformal coated
Related IQ32T	terminated input variant
Related IQ16	16-point sibling

Notes

Specs from Rockwell 1769-TD006 Compact I/O Modules Technical Data, 1769-IQ32 / IQ32K table. Confirm sink vs source wiring per group commons.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.