

COMPACTLOGIX 1769 COMPACT I/O

Product Data Sheet

1769-IQ16K

Conformally coated 16-channel DC input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Conformally coated 16-channel DC input module	CompactLogix 1769 Compact I/O	Malaysia	0.27 kg

Allen-Bradley 1769-IQ16K is a Conformally coated 16-channel DC input module for the CompactLogix 1769 Compact I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

System family	CompactLogix 1769 Compact I/O
Digital inputs	16 in two groups of eight
Voltage category	24 V DC sink or source
Coating option	Conformal coating
Operating range at 30 °C	10 to 30 V DC
Operating range at 60 °C	10 to 26.4 V DC
Input delay on	8 ms
Input delay off	8 ms
Current draw at 5.1 V	115 mA
Maximum heat dissipation	3.55 W

ADDITIONAL PRODUCT DATA

Minimum on-state voltage	10 V DC
Maximum off-state voltage	5 V DC
Isolation test	1200 V AC for 1 second
Power supply distance rating	8 modules
Mounting method	DIN rail or panel mount

OFFICIAL APPLICATIONS

- Industrial production systems: Documented product integration
- Utility and process facilities: Exact-model maintenance support
- Building and plant systems: Controlled replacement planning

SYSTEM COMPATIBILITY

Match 1769-IQ16K to the installed CompactLogix 1769 Compact I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Rockwell Automation 1769-TD006H-EN-P technical data](#)

https://literature.rockwellautomation.com/idc/groups/literature/documents/td/1769-td006_-en-p.pdf

AMIKON PRODUCT SUPPORT

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