

Allen-Bradley 1771-ILK

Allen Bradley PLC 5 Isolated Analog Input, Natural Binary or BDC Scaling to +/- 9999 Data Format, 1.3 Amperes Backplane Current, No External Power Required Technical specifications for 1771-ILK

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1771-ILK

Module Type Isolated Analog Input

Number of Inputs & Outputs 8 Isolated (1000 Volt) Differential

Data Format Natural Binary or BDC Scaling to +/- 9999

Channel Update/Resolution 500 ms/8 channels; 15 bits + sign

Voltage Range 0-5 V dc, 1-5 V dc, +/- 5 V dc, 0-10 V dc, +/- 10 V dc

Current Range 4-20 mA, 0-20 mA, +/- 20 mA

Backplane Current 1.3 Amperes

External Power Required No

Wiring Arm 1771-WF

Coating Conformal Coat

Typical AC Signal Delay (Off) 24 (+/- 10) ms

Typical DC Signal Delay (Off) 20 (+/- 9) ms

Mounting Rack Mountable Description

The Allen-Bradley 1771-ILK is an analog input module. This conformally-coated module comes with 8 individually-isolated 1000V differential inputs. It comes with a channel update of 500 ms/8 channels and a resolution of 15 bits plus sign. The data formats this module uses are natural binary or BDC scaling to +/- 9999. It can be mounted via a rack and uses a 1771-WD wiring arm. No external power is required for the 1771-ILK module and it comes with a status indicator.

The voltage ranges of this module are 0-5V DC, 1-5V DC, -5-5V DC, 0-10V DC, and -10-10V DC. It also has current ranges of 4-20 mA, 0-20 mA, and -20-20 mA. The 1771-ILK module also comes with a backplane current of 1.3 A, a typical AC signal delay of 24 ms +/- 9 for off, and a typical DC signal delay of 20 ms +/- 9 also for off.

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