SLC 500

Product Data Sheet

1746-IM16

16-Point AC Input Module

INPUT POINTS	POINTS PER COMMON	NOMINAL INPUT VOLTAGE	OPERATING VOLTAGE
16	**16**	**200/240 V AC**	**170 to 265 V AC**

1746-IM16 is a 16-point AC input module in the Allen-Bradley SLC 500 family. It connects nominal 200/240 V AC discrete signals to a compatible SLC controller.

01 VERIFIED TECHNICAL DATA

Input points	16
Points per common	16
Nominal input voltage	200/240 V AC
Operating voltage	170 to 265 V AC
Input frequency	47 to 63 Hz
5 V backplane current	85 mA
24 V backplane current	0 mA
On-state delay	35 ms maximum
Off-state delay	45 ms maximum
Off-state voltage	50 V AC maximum

Values follow the unit photographs and applicable documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Off-state current	2 mA maximum
Nominal input current	12 mA at 240 V AC
Input inrush current	1.6 A maximum for 0.5 ms
Operating temperature	0 to 60deg C
Maximum heat dissipation	6.00 W with all points on

03 DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production Processing: Manufacturing Process Automation.

Chemical Manufacturing and Industrial Process Production: Industrial Chemical Production.

Food Manufacturing and Beverage Production Processing: Food Processing and Packaging.

04 SYSTEM COMPATIBILITY

1746-IM16 is a 16-point ac input module in the SLC 500 platform. Match the exact article and hardware revision to the installed backplane and controller configuration before allocating channels, connections or network resources.

05 PRODUCT EVIDENCE

Rockwell 1746-IN027D, SLC 500 Digital I/O

AMIKON PRODUCT SUPPORT

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