

SLC 500

# Product Data Sheet

**1747-SN**

Remote I/O Scanner

|                                   |                                   |                                         |                                          |
|-----------------------------------|-----------------------------------|-----------------------------------------|------------------------------------------|
| RIO LINKS<br><b>1 master link</b> | LOGICAL RACKS<br><b>4 maximum</b> | INPUT IMAGE CAPACITY<br><b>32 words</b> | OUTPUT IMAGE CAPACITY<br><b>32 words</b> |
|-----------------------------------|-----------------------------------|-----------------------------------------|------------------------------------------|

1747-SN is a Remote I/O scanner for the Allen-Bradley SLC 500 family. It connects a compatible SLC processor to remote I/O chassis and supported Remote I/O devices.

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## VERIFIED TECHNICAL DATA

|                            |                            |
|----------------------------|----------------------------|
| RIO links                  | 1 master link              |
| Logical racks              | 4 maximum                  |
| Input image capacity       | 32 words                   |
| Output image capacity      | 32 words                   |
| RIO baud rates             | 57.6, 115.2 or 230.4 kbaud |
| Cable limit at 57.6 kbaud  | 3048 m                     |
| Cable limit at 115.2 kbaud | 1524 m                     |
| Cable limit at 230.4 kbaud | 762 m                      |
| 5 V backplane current      | 600 mA                     |
| RIO link cable             | Belden 9463                |

## ADDITIONAL PRODUCT DATA

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|                         |                                    |
|-------------------------|------------------------------------|
| Operating temperature   | 0 to 60deg C                       |
| Storage temperature     | -40 to 85deg C                     |
| Relative humidity       | 5 to 95%, noncondensing            |
| Noise immunity          | NEMA ICS 2-230                     |
| Series B block transfer | 64 words maximum per remote device |

## DOCUMENTED USE SETTINGS

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Industrial Manufacturing and Automated Production Processing: Manufacturing Process Automation.

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

Chemical Manufacturing and Industrial Process Production: Industrial Chemical Production.

## SYSTEM COMPATIBILITY

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1747-SN is a remote i/o scanner 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.

## PRODUCT EVIDENCE

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Rockwell 1747-IN060D, Remote I/O Scanner