ALLEN-BRADLEY CONTROLLOGIX

# Product Data Sheet

## 1756-LSP

GuardLogix safety partner module

| SAFETY ROLE | PARTNER ARCHITECTURE | BACKPLANE CURRENT AT 5.1 V | BACKPLANE CURRENT AT 24 V |
|---|---|---|---|
| **GuardLogix safety partner** | **1oo2 with primary controller** | **1200 mA** | **14 mA** |

Allen-Bradley 1756-LSP is a guardlogix safety partner module for the Allen-Bradley ControlLogix product family. It provides the documented interfaces and electrical characteristics for compatible industrial automation configurations.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| Safety role | GuardLogix safety partner |
| Partner architecture | 1oo2 with primary controller |
| Backplane current at 5.1 V | 1200 mA |
| Backplane current at 24 V | 14 mA |
| Power dissipation | 3.5 W |
| Thermal dissipation | 11.9 BTU/h |
| Isolation voltage | 30 V continuous |
| Operating temperature | 0 to 60 °C |
| Approximate weight | 0.32 kg |
| Safety level | Up to SIL 3 / Performance Level e |

Values follow the applicable manufacturer documents identified on page 2.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Naked product size | 3.6 x 14.1 x 15.2 cm |
| Naked product weight | 0.32 kg |

## 03 DOCUMENTED USE SETTINGS

Automotive Manufacturing: Vehicle Assembly Production.

Food and Beverage: Beverage Production Operations.

Chemical Processing: Specialty Chemical Production.

## 04 SYSTEM COMPATIBILITY

Use 1756-LSP only in the documented Allen-Bradley ControlLogix environment and confirm the applicable chassis, terminal assembly and electrical supply before connection.

## 05 PRODUCT EVIDENCE

Rockwell Automation manufacturer documentation

**AMIKON PRODUCT SUPPORT**

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**