

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Allen-Bradley 1756-L905TS
ControlLogix 5590 Safety Controller

Allen-Bradley 1756-L905TS is an active ControlLogix 5590 controller with safety, 5 MB user memory, two 1 Gb EtherNet/IP ports, 100 EtherNet/IP devices and 1000 OPC UA nodes.

01

OFFICIAL PRODUCT PARAMETERS

Model	1756-L905TS
Manufacturer	Allen-Bradley
Product type	ControlLogix 5590 controller with safety
User memory	5 MB standard; 5 MB safety
EtherNet/IP devices	100 maximum
OPC UA nodes	1000 maximum
Ethernet performance	Two 1 Gb EtherNet/IP ports
Built-in interface	USB-C
Processor	SIL 2 safety
Status display	Four-character alphanumeric
Backplane current	1200 mA at 5.1 V DC; 5 mA at 1.2 V DC
Mounting	1756 chassis

02 ENVIRONMENT AND PHYSICAL DATA

Operating temperature	0 to 60 C in Series C standard chassis
Enclosure	Open style
Number of channels	2
Approximate weight	0.394 kg
Dimensions	13.96 x 3.455 x 14.52 cm
Country of origin	United States of America

03 LIFECYCLE AND REPLACEMENT

Rockwell Automation lists 1756-L905TS with an Active lifecycle status. Confirm the catalog number, safety project, firmware, chassis, safety signature and validation requirements before replacement.