Allen-Bradley GuardLogix 5580

1756-L83ES - 10 MB / 5 MB EtherNet/IP Safety Controller

Official product description: GuardLogix 5580 safety controller with 10 MB standard memory, 5 MB safety memory, USB port, one 1 Gb EtherNet/IP port, support for 250 EtherNet/IP devices and a four-character alphanumeric display.

CORE FEATURE	10 MB standard; 5 MB safety with embedded 1 Gb EtherNet/IP networking.	**LEAD TIME: In stock**	**WARRANTY: 1 year**

Technical Data

Complete model	1756-L83ES
Product family	GuardLogix 5580
Product type	GuardLogix 5580 safety controller
Memory	10 MB standard; 5 MB safety
I/O capacity	128,000 digital I/O maximum; 4,000 analog I/O maximum
Nonvolatile storage	4 GB 1784-SD4 Secure Digital card, preinstalled
Interfaces	One embedded 10/100/1000 Mbps EtherNet/IP port; USB 2.0 local programming port
EtherNet/IP capacity	250 EtherNet/IP devices
Current draw	5.0 mA at 1.2 V DC; 1.20 A at 5.1 V DC
Power / thermal	6.2 W; 21.2 BTU per hour
Dimensions	34.55 x 145.2 x 139.6 mm, width x height x depth
Weight	Approximately 0.394 kg (0.868 lb)
Mounting	One slot in a compatible 1756 chassis
Operating temperature	0 to +60 C in Series C chassis; 0 to +50 C in Series B chassis
Storage / humidity	-40 to +85 C; 5 to 95 percent RH, noncondensing
Coating / enclosure	Not conformal coated; open-style equipment
Certifications	c-UL-us, FM, CE, RCM, ATEX, IECEx, UKEx and UKCA as marked

Official References

Technical Data 1756-TD001W-EN-P, pages 44-46; Installation Instructions 1756-IN048, pages 5-8.
Product page: https://www.rockwellautomation.com/en-us/products/details.1756-L83ES.html
Technical Data: https://literature.rockwellautomation.com/idc/groups/literature/documents/td/1756-td001_-en-p.pdf
Installation Instructions: https://literature.rockwellautomation.com/idc/groups/literature/documents/in/1756-in048_-en-p.pdf