

ALLEN-BRADLEY STRATIX 8300

1783-RMS10T

Layer 3 Managed Ethernet Switch

01

BEFORE INSTALLATION

- Confirm the exact 1783-RMS10T catalog number and current controlled documentation.
- Use a suitable industrial enclosure for this open-style IP20 equipment.
- Verify a Class 2 or SELV 18-60 V DC supply rated for the documented load.
- Record the network addressing, routing, VLAN, alarm and firmware configuration.

SAFETY NOTE

Follow Rockwell Automation publication 1783-IN012B-EN-P, applicable electrical codes, enclosure requirements and site safety procedures. Qualified personnel must perform installation and replacement.

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02

MOUNTING AND GROUNDING

- Mount the switch on an approved DIN rail, wall or panel with required clearances.
- Bond the front-panel ground point to a grounded bare-metal surface.
- Tighten the ground screw to 0.96 N m and power or alarm terminals to 0.23 N m.
- Keep wiring and airflow clear of adjacent equipment and expansion modules.

SAFETY NOTE

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POWER, NETWORK AND COMMISSIONING

- Wire the Pwr A connector with the documented conductor size and polarity.
- Connect Category 5e or better RJ45 cabling to the required copper ports.
- Restore power and verify switch, port and alarm status before enabling traffic.
- Validate IP services, routing, redundancy, VLANs and managed-switch settings.

04

CONTROLLED INSTALLATION NOTE

Follow Rockwell Automation publication 1783-IN012B-EN-P, applicable electrical codes, enclosure requirements and site safety procedures. Qualified personnel must perform installation and replacement.