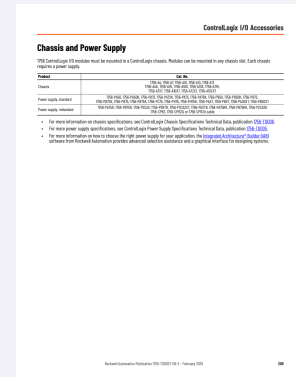


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Allen-Bradley 1756-TBE

Extended-Depth Terminal Housing



PRODUCT	1756-TBE
FAMILY	ControlLogix I/O Accessories
FUNCTION	Extended-Depth Terminal Housing
STATUS	Verify exact configuration

Prepared by Amikon Limited from Rockwell product record 1756-TBE; 1756-TD002T pages 269-270; 1756-SG002D page 19. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Product type	Extended-depth terminal block housing
System	ControlLogix I/O
Catalog number	1756-TBE
Lifecycle status	Active
Primary purpose	Additional RTB wiring depth
Maximum wire size use	2.5 mm ² / 14 AWG
Mounting location	Front of compatible 1756 I/O RTB

02 MOUNTING AND CONNECTION

- Confirm that 1756-TBE is specified for the selected non-safety ControlLogix I/O module and removable terminal block.
- Remove field power and follow the module-specific wiring instructions before opening or replacing the housing.
- Use the extended housing when conductor size or bend clearance cannot be accommodated by the standard wiring-arm housing.
- Route conductors without exceeding the RTB wire-size, insulation, and conductor-count limits.
- Do not use 1756-TBES safety housings or safety RTBs with non-safety I/O modules.

OFFICIAL INSTALLATION REFERENCE

ControlLogix I/O Accessories

Chassis and Power Supply

1756 ControlLogix I/O modules must be mounted in a ControlLogix chassis. Modules can be mounted in any chassis slot. Each chassis requires a power supply.

Product	Cat. No.
Chassis	1756-AA, 1756-A7, 1756-A10, 1756-A13, 1756-A17, 1756-AAK, 1756-A7K, 1756-A10K, 1756-A13K, 1756-A17K, 1756-A7XT, 1756-A10XT, 1756-A7ZXT, 1756-A10ZXT
Power supply, standard	1756-PA50, 1756-PA50K, 1756-PA72, 1756-PA72K, 1756-PA75, 1756-PA75K, 1756-PB50, 1756-PB50K, 1756-PB72, 1756-PB72K, 1756-PB75, 1756-PB75K, 1756-PC75, 1756-PH75, 1756-PH75K, 1756-PAXT, 1756-PBXT, 1756-PA30XT, 1756-PB30XT
Power supply, redundant	1756-PA75R, 1756-PB75R, 1756-PSCA2, 1756-PBXT, 1756-PSCA2XT, 1756-PAXTR, 1756-PA75RK, 1756-PB75RK, 1756-PSCA2K, 1756-CPR2, 1756-CPR2D, or 1756-CPR2U cable

- For more information on chassis specifications, see ControlLogix Chassis Specifications Technical Data, publication [1756-TD006](#).
- For more power supply specifications, see ControlLogix Power Supply Specifications Technical Data, publication [1756-TD005](#).
- For more information on how to choose the right power supply for your application, the [Integrated Architecture® Builder \(IAB\)](#) software from Rockwell Automation provides advanced selection assistance and a graphical interface for designing systems.

Official manufacturer reference reproduced from Rockwell product record 1756-TBE; 1756-TD002T pages 269-270; 1756-SG002D page 19. Use the current source document and all referenced drawings and notes for installation.

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CABLE ROUTING AND CONNECTION

- Remove field power and follow the module-specific wiring instructions before opening or replacing the housing.
- Use the extended housing when conductor size or bend clearance cannot be accommodated by the standard wiring-arm housing.
- Route conductors without exceeding the RTB wire-size, insulation, and conductor-count limits.
- Do not use 1756-TBES safety housings or safety RTBs with non-safety I/O modules.
- Reinstall the housing and RTB securely, then verify terminal identification and field wiring before restoring power.

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INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm normal indications and fault-contact state after commissioning.
- Record the installed order number and baseline operating condition.

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CONTROLLED DOCUMENTS

Official source	Rockwell product record 1756-TBE; 1756-TD002T pages 269-270; 1756-SG002D page 19
Product record	1756-TBE
Manufacturer	Allen-Bradley
Support	INFO@AMIKON.CN