

ALLEN-BRADLEY TECHNICAL DOCUMENT

Product Data Sheet

1756-TBE**01**

PRODUCT IDENTIFICATION

Manufacturer	Allen-Bradley
Model	1756-TBE
Family	ControlLogix I/O Accessories
Product type	Extended-Depth Terminal Housing

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VERIFIED TECHNICAL DATA

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
RTB supply	Ordered separately from I/O module

03 REMAINING TECHNICAL DATA

Safety variant	1756-TBES, not interchangeable
Terminal technology	Used with selected screw or spring RTBs

04 TECHNICAL AND APPLICATION NOTES

Allen-Bradley 1756-TBE is an extended-depth terminal block housing for ControlLogix I/O removable terminal blocks. It provides the additional wiring-arm depth required when a standard housing cannot accommodate 2.5 mm² or 14 AWG field conductors. The housing is an accessory rather than a removable terminal block and must be selected with the appropriate 1756 I/O module and RTB. Rockwell Automation identifies the product as active and distinguishes it from the 1756-TBES safety extended-depth housing.

05 APPLICATIONS

- Providing clearance for 14 AWG ControlLogix field wiring
- Enclosing removable terminal block field connections
- Supporting field termination on ControlLogix digital I/O
- Supporting field termination on ControlLogix analog I/O
- Maintaining removable wiring-arm access during I/O service

06 INSTALLATION CONTROL

Confirm that 1756-TBE is specified for the selected non-safety ControlLogix I/O module and removable terminal block. Reinstall the housing and RTB securely, then verify terminal identification and field wiring before restoring power.