

TC-501-02-4M5 Installation & Verification

Trusted 4.5 m Internal SmartSlot Input-to-FTA Cable

Installation Checklist

Step	Model-specific verification	Check
1	Verify the full TC-501-02-4M5 code; length and cable-family suffixes are functional ordering data.	■
2	Isolate the affected I/O and field circuits before disconnecting either end.	■
3	Route the 4.5 m cable without tight bends, crushing or connector strain.	■
4	Match the input module, SmartSlot position and FTA exactly to the official selection guide.	■
5	Perform continuity, channel mapping and diagnostic checks before service.	■

Signal and Hardware Match

Signals / data	up to forty input-channel conductors with a maximum working rating of 60 V and 2 A per channel for the -02 cable family
Compatible ecosystem	Compatible Trusted 40-channel input modules, approved FTA, internal SmartSlot routing and matched system connectors
Official dimensions	4.5 m cable length; packed-carton dimensions are not published in the cited manual
Published weight	Not published in the cited Rockwell Automation manual

Commissioning Record

Project / unit	
Cabinet / base / slot	
Hardware revision	
Termination / cable	
Channel test result	
Technician / date	

Release-to-Service Gate

- ✓ Record the exact model and physical nameplate.
- ✓ Confirm approved compatible hardware and wiring.
- ✓ Complete diagnostics and channel-level functional testing.
- ✓ Attach controlled test results before authorization.

Official Source

Rockwell Automation Trusted TMR I/O SmartSlot Cables

https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icsstt-rm313_-en-p.pdf

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Send the exact model, nameplate and required quantity.

