4000093-320

Termination Interface Cable Assembly

EXACT PUBLISHED IDENTITY

TRICONEX 4000093-320 is an exact cable assembly within the manufacturer-documented 4000093-3xx termination-interface family. The official cross-reference assigns that family to legacy 2554 digital-input termination arrangements used with the 3504E module.

Technical snapshot

Product role	Termination interface cable assembly
Exact order reference	4000093-320
Official cable family	4000093-3xx
Legacy ETA family	2554-6 or 2554-8
Companion input module	3504E
Field voltage	24 VDC
Field arrangement	Commoned or commoned-redundant variants
Required cable quantity	Two cables per ETA

Engineering data

Verified exact-model values from official manufacturer evidence

Published characteristics

Legacy ETA mapping	3000352-380
Physical-data boundary	Exact length and bend radius are not established by the official family guide
Selection basis	Complete cable suffix, ETA and cabinet record
Acceptance check	Connector identity, channel continuity and input diagnostics

EVIDENCE BOUNDARY

Confirm the complete 4000093-320 identity, installed system record and approved companion hardware before replacement or commissioning.

ENGINEERING CONTROL

For 4000093-320, the verified dataset records exact order reference as 4000093-320 and official cable family as 4000093-3xx. These values must be applied only after the complete installed marking, cabinet record and approved system architecture have been reconciled.

Verified related ApterPower product pages

- TRICONEX 3502E
- TRICONEX 3503E
- TRICONEX 3504E
- TRICONEX 3511
- TRICONEX 3624
- TRICONEX 3664
- TRICONEX 3703E
- TRICONEX 3704E

System role and applications

Documented contexts without configuration inference

INSTALLED TRICON SYSTEMS

Controlled service where the approved system records explicitly identify 4000093-320.

PLANNED MAINTENANCE

Like-for-like inspection or replacement work that preserves the documented termination interface cable assembly arrangement.

LIFECYCLE-MANAGED SPARES

Exact-identity spare control for operating installations that retain the TRICONEX 4000093-320 designation.

COMMISSIONING VERIFICATION

Functional checks that confirm the recorded interface, configuration and diagnostics after 4000093-320 is installed.

Integration control

Official manufacturer evidence supports the 4000093-3xx family mapping, companion 3504E module, 24 VDC field arrangement and two-cable-per-ETA requirement. The available official guide does not establish the exact physical length or bend-radius value for the -320 suffix, so those properties must be taken from the supplied cable and approved cabinet record rather than inferred from another suffix.

Technical questions

Complete answers tied to the exact published model

What role does TRICONEX 4000093-320 serve?

TRICONEX 4000093-320 serves as a termination interface cable assembly in a documented legacy digital-input arrangement.

Which official cable family includes the 4000093-320 suffix?

The manufacturer classifies the 4000093-320 order reference within the documented 4000093-3xx cable family.

How is 4000093-320 associated with the 3504E module?

The official field-termination cross-reference associates the 4000093-3xx cable family with legacy 2554 termination assemblies used with the 3504E digital-input module.

What field-voltage arrangement is documented for this cable family?

The manufacturer documents a 24 VDC commoned or commoned-redundant field arrangement for the applicable legacy termination family.

How many 4000093-3xx cables are required for each applicable ETA?

The official cross-reference requires two cables for each applicable external termination assembly.

Does the official guide specify the exact length of 4000093-320?

The available official family guide does not specify the exact physical length of the 4000093-320 suffix.

Why must the full 4000093-320 marking be retained?

The complete marking must be retained because another 4000093 suffix may have different physical or termination characteristics.

Which checks complete acceptance of the replacement cable?

The technician must verify connector identity, channel continuity and normal input diagnostics before the circuit returns to service.

Product precautions

Eight controlled checks before return to service

1. Record the complete TRICONEX 4000093-320 marking and installed position before work.
2. Place the controller and affected process function in the approved safe maintenance state.
3. Verify the documented system version, companion hardware and interface assigned to 4000093-320.
4. Isolate the applicable controller and field energy in accordance with the approved procedure.
5. Inspect connectors, keys, cable assemblies and mechanical retention before installation.
6. Install 4000093-320 only in the recorded location without changing the approved architecture.
7. Restore power under control and confirm the specified indicators, communications and diagnostics.
8. Document the final identity, configuration and functional acceptance results before release.

Manufacturer evidence used

- TRICONEX Planning and Installation Guide for Tricon v9-v11 Systems, document 9720100-012.
- TRICONEX Technical Product Guide, document 9791007-013.
- TRICONEX Field Terminations Guide for Tricon v9-v10 Systems, document 9700052-018.

Verified related ApterPower product pages

- TRICONEX 4210
- TRICONEX 4329
- TRICONEX 4119A
- TRICONEX 8312

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