AMIKON TECHNICAL DOCUMENTATION

# Installation Instructions

## ICS Triplex TC-011-02-1M5

Trusted Fan Power Cable

| LENGTH | ROLE | SUPPLY CONTEXT | INSULATION |
|---|---|---|---|
| **1.5 meters** | **Fan power** | **24 Vdc** | **LSZH** |

For qualified personnel only. This installation summary is not a substitute for the controlled manufacturer procedure, system safety plan or approved site isolation requirements.

## 01 BEFORE INSTALLATION

| | |
|---|---|
| Complete identity | Confirm TC-011-02-1M5 and the 1.5-meter length. |
| Endpoints | Check T8292 and the intended T8270 fan assembly. |
| Supply arrangement | Verify voltage, polarity and protection against the original equipment documents. |
| Route and condition | Inspect the cable, connectors and supported route. |
| Work controls | Use qualified personnel and the approved isolation and hazardous-area procedure. |

## 02 PREPARATION AND BOUNDARIES

- Read the original Figure 6 and the complete supply and load instructions. This reference does not reproduce a connector pinout.
- Treat the catalog maximum as a cable limit, not a host supply setpoint. Do not alter the assembly or infer protection requirements from another cable.

## 03 INSTALLATION AND COMMISSIONING

| | |
|---|---|
| 01 | Match TC-011-02-1M5, the 1.5-meter route and exact supply/load identities. |
| 02 | Apply the approved isolation and hazardous-area controls before disturbing power connections. |
| 03 | Identify the supply and load endpoints using the original manufacturer drawing. |
| 04 | Inspect and fit the correct assembly without straining, forcing or modifying its connectors. |
| 05 | Verify the documented polarity, supply protection and connections before controlled energization. |
| 06 | Complete the load-specific operational and diagnostic checks before returning equipment to service. |

## 04 SAFETY AND FINAL CHECKS

- Check the approved power source, protection, connector seating and correct load connection when investigating supply problems.
- Use the complete equipment diagnostic procedure. The cable rating does not establish the safe state or performance of the connected load.

## 05 OFFICIAL PROCEDURE

**ICSTT-RM310K-EN-P | Trusted TC000 Power Cables | Issue 11**

RM310K PDF p. 22: Figure 6, endpoints and exact length; p. 2: -02 insulation; pp. 5-6: warnings. PC002G PDF p. 5: electrical limit.

**ICSTT-PC002G | Trusted Product Information | December 2025**

Independent Amikon reference, not an OEM manual. Use the complete manufacturer instructions matching the actual hardware and firmware. No manufacturer pages are reproduced.

**AMIKON PRODUCT SUPPORT**

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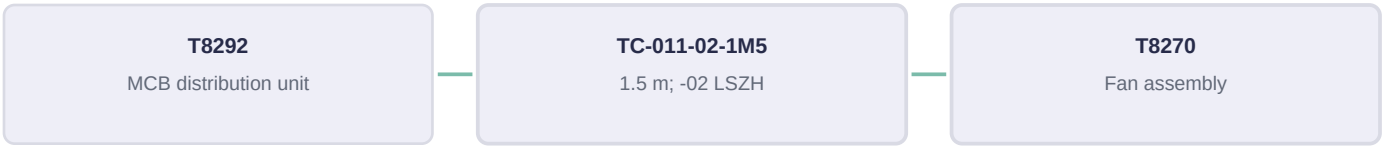
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## 06 ORIGINAL REFERENCE SCHEMATICS

### ICS Triplex TC-011-02-1M5 | Documented installation context

Original Amikon illustration based on the linked OEM pages. Logical arrangement only; not to scale and not an electrical wiring or manufacturer installation drawing.

**A | EQUIPMENT ARRANGEMENT**




Logical power route only; connector positions, polarity and protective devices must follow the original drawing.

The documented supply context is 24 Vdc; a higher cable maximum is not a permitted host supply setting.

**B | CONFIGURATION BOUNDARY**

Use TC-011-02-1M5 for the documented 1.5-meter T8292-to-T8270 fan assembly connection. Confirm the original wiring, actual supply and approved work controls.

## 07 ORIGINAL MANUFACTURER DRAWING AND PROCEDURE LINKS

**Original power cable - Figure 6 - PDF page 22**

**Original insulation convention - PDF page 2**

**Original safety warnings - PDF page 6**

If the viewer ignores the page target, enter the stated PDF page manually. Retain the full manufacturer warnings and approved maintenance plan; this reference does not authorize live work.