



9666X

32-Point 24 VDC Digital Output FET Connector

Product scope

- Provides a 32-point digital output field interface for Tricon CX I/O hardware.
- Is specifically matched to 3626X digital output module within the documented termination arrangement.
- Uses the commoned 24 VDC architecture identified for this assembly.

Manufacturer source

Schneider Electric Tricon CX Addendum to Tricon User Guides 9791042-002 Rev. 3.

This web-optimized copy retains only product-relevant manufacturer information.

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9666X verified technical reference

32-Point 24 VDC Digital Output FET Connector

Exact product identity

Triconex 9666X is a 32-point digital output field external termination connector for the Tricon CX field-interface architecture.

Manufacturer	Triconex
Model	9666X
Product family	Tricon CX
Product type	Field External Termination Connector
Interface type	Field External Termination Connector
Signal	digital output
Points	32
Panel architecture	Commoned, 24 VDC
Compatible module	3626X digital output module
System family	Tricon CX

Manufacturer source

Schneider Electric Tricon CX Addendum to Tricon User Guides 9791042-002 Rev. 3.

Only facts that can be matched to the exact ordering code are included in this product reference.



9666X engineering review

32-Point 24 VDC Digital Output FET Connector

Configuration and integration

Triconex 9666X provides the documented 32-point digital output field interface for Tricon CX hardware. It forms the connection layer between the compatible I/O module and the external wiring arrangement.

The assembly is matched to 3626X digital output module and preserves the connection from DO external termination panels to the 8131X I/O Expansion Chassis. Its point count and commoned architecture must agree with the selected cable and field termination design.

Verify the exact interface role, mating connector, cable direction and terminal labeling before installation. A visually similar input, output or different-point-count termination part is not an acceptable substitute.

Installation attention

9666X must match 3626X digital output module; verify point count, signal direction, connector orientation and cable routing before energization.

Verified functional points

Applications

- Connects digital output circuits between a Tricon CX I/O module and the approved field termination hardware.
- Supports cabinet wiring where a commoned 24 VDC interface is specified for the channel group.
- Provides a model-specific spare for maintenance of the documented module-and-termination path.

DO Interface

- The assembly presents 32 field-interface points for the documented digital output path.
- Commoned 24 VDC construction defines the power and return arrangement at the interface.
- Terminal or connector labeling must be preserved so channel order remains correct after service.

Module Match

- The approved module match is 3626X digital output module rather than an unrelated Tricon CX I/O type.
- Cable and mating hardware must correspond to the same signal direction and point density.
- Compatibility should be confirmed from the chassis and termination drawings before ordering.

Chassis Link

- The interface occupies the field-termination path associated with the I/O expansion architecture.
- Connector orientation and retention must be inspected before the cable is secured.
- Continuity and channel mapping should be proved before the safety loop returns to operation.

Source record

Schneider Electric Tricon CX Addendum to Tricon User Guides 9791042-002 Rev. 3.



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