APTER POWER

COMPLETE PRODUCT INFORMATION

CM2201-7400206-100

Communication Baseplate

Triconex CM2201-7400206-100 is the model 2201 communication module baseplate for a Trident safety system. It supports up to two independently operating communication modules and links them to the Main Processor baseplate through two MP interconnect assemblies.

VERIFIED IDENTITY

Triconex | Triconex Trident | Country of origin: USA

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Technical Data

PARAMETER	VERIFIED VALUE
Complete model	CM2201-7400206-100
Baseplate model	2201
Product role	Communication module baseplate
System family	Triconex Trident
Module capacity	Up to two communication modules
Processor connection	Two MP interconnect assemblies
Serial connectivity per CM	Three RS-232/RS-485 ports
Ethernet connectivity per CM	Two Ethernet ports
Installation position	Directly above or below the MP baseplate
Country of origin	USA

Functions and Applications

CORE FUNCTION 1

Two communication-module positions

CORE FUNCTION 2

Three serial ports per communication module

CORE FUNCTION 3

Two Ethernet ports per communication module

CORE FUNCTION 4

Direct MP-baseplate interconnection

APPLICATION	ENGINEERING CONTEXT
DCS and host integration	Connects approved external host and distributed control systems to the Trident controller.
Redundant communications	Supports two independently operating communication modules for redundant or additional links.
Peer system networking	Provides documented communication paths to other Trident or Tricon systems.
Safety-system maintenance	Maintains the exact communication baseplate and interconnect architecture recorded for the Trident system.

Installation and Precautions

- Verify the complete CM2201-7400206-100 marking and model 2201 identity.
- Follow the approved Trident safety lifecycle and maintenance authorization.
- Record the baseplate location and both MP interconnect assemblies.
- Back up communication-module and network configuration.
- Label all RS-232/485, Ethernet, AUI and MII connections in use.
- Remove power under the current Trident procedure before baseplate work.
- Do not alter redundant paths or network settings without approved change control.
- Verify diagnostics, serial links and Ethernet paths before release.

ENGINEERING NOTE

Treat CM2201-7400206-100 as part of the safety-system architecture. Record the baseplate position, both communication modules, MP interconnect assemblies, serial and Ethernet wiring and approved Trident configuration before replacement or service.

Model-Specific FAQ and Support

QUESTION	ANSWER
What is Triconex CM2201-7400206-100?	It is the model 2201 communication module baseplate used in a Trident safety system.
How many communication modules can it hold?	The Trident guide states that one CM baseplate supports up to two communication modules.
Where is the baseplate installed?	It is installed directly above or below the Main Processor baseplate.
How is it connected to the Main Processor baseplate?	Two MP interconnect assemblies provide the documented physical connection.
Which interfaces are provided by each communication module?	Each installed CM supports three RS-232/RS-485 serial ports and two Ethernet ports.
Can two modules provide redundancy?	Yes. Two independently operating CMs can provide redundant connections or additional independent ports.
Why is formal change control required?	The baseplate belongs to a safety-instrumented system; communication changes must remain within the approved safety lifecycle and site configuration.
What confirms successful commissioning?	Trident diagnostics are clear and every approved serial, Ethernet and redundant communication path passes its controlled test.

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