

T9300

AADvance Three-way I/O Base Unit

PRODUCT TECHNICAL REFERENCE

ICS Triplex T9300 is a three-way AADvance I/O base unit. Its passive backplane carries system power plus command and response buses for up to three I/O modules and their termination assemblies.

OFFICIAL SOURCE

AADvance Controller Solutions Handbook | ICSTT-RM447N-EN-P, February 2021

Verified technical profile

AADvance Three-way I/O Base Unit

Base-unit type	3-way I/O
Supply	Redundant 24 Vdc nominal
Supply range	18 to 32 Vdc
I/O modules supported	1, 2 or 3
Command buses	1
Response buses	24
System I/O buses	2
Base units per bus	8
I/O modules per bus	24
Mounting	DIN rail or panel/wall
Dimensions	235 x 126 mm
Weight	133 g

ENGINEERING USE OF THE VERIFIED DATA

A base unit connects to the T9100 processor base unit, another T9300, or a separate row through the T9310 expansion cable. Cabinet planning must cover module grouping, termination-assembly width, bus limits, enclosure temperature, grounding and online-update restrictions.

FIELD CHECKPOINTS

- Confirm T9300 and the planned three I/O positions before mounting.
- Isolate controller power before joining or separating base units.

Only values traceable to the listed manufacturer source are treated as verified technical data.

System role and engineering boundaries

ICS Triplex T9300 is a three-way AADvance I/O base unit. Its passive backplane carries system power plus command and response buses for up to three I/O modules and their termination assemblies.

1

Carries up to three AADvance I/O modules

2

Accepts simplex, dual or triple termination arrangements

3

Extends command, response and system-power buses across a controller row

4

Supports direct DIN-rail or panel mounting

ENGINEERING NOTE

Mount T9300 on the approved DIN rail or panel and clip adjacent base units together before fitting termination assemblies or I/O modules. Verify the left and right bus connectors, retaining clip, power path and Workbench hardware order before applying controller power.

Industrial application matrix

Four source-supported operating contexts for this exact product.

AADvance local I/O rows

Provides the modular carrier for input and output modules beside the processor base unit.

Redundant I/O groups

Supports termination assemblies that bridge adjacent base units for dual or triple module arrangements.

Cabinet I/O expansion

Adds module positions to an existing AADvance bus within the documented row limits.

Separated I/O rows

Connects to another base-unit row through the screened T9310 expansion cable assembly.

MODEL-SPECIFIC ACCEPTANCE FOCUS

Confirm T9300 identity, mounting method, T9100 processor-base connection, T9310 expansion cable where used, bus number, adjacent retaining clips, termination-assembly grouping, module order, Workbench release and full I/O recognition before commissioning.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	T8800 Apter Power product page
02	T9881 Apter Power product page
03	T9851 Apter Power product page
04	T8122 Apter Power product page
05	T9082U Apter Power product page
06	T9431 Apter Power product page
07	TC-215-02-10M5 Apter Power product page
08	TC-215-02-12M5 Apter Power product page

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

AADvance Controller Solutions Handbook | ICSTT-RM447N-EN-P, February 2021

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