

T9852

AADvance Dual Digital Output Termination Assembly

PRODUCT TECHNICAL REFERENCE

ICS Triplex T9852 is an AADvance dual digital output termination assembly for eight channels. It connects two T9451 output modules and accepts two protected 24 Vdc field-power sources.

OFFICIAL SOURCE

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

Verified technical profile

AADvance Dual Digital Output Termination Assembly

Termination function	Digital output
Redundancy arrangement	Dual
Output channels	8
Supported modules	Two T9451
Field-power inputs	Two 24 Vdc sources
Field-supply fuses	10 A each
Field connections	8
Conductor size	1.31 mm2 maximum (16 AWG)
Strip length	6 mm
Dimensions	132 x 84 mm
Weight	260 g
Coding	AADvance digital-output TA keying

ENGINEERING USE OF THE VERIFIED DATA

The assembly is fitted to the AADvance I/O base-unit and wired to eight field loads with the documented conductor preparation. Commissioning must verify both T9451 modules, both field supplies, channel commands, line monitoring and the engineered safe state.

FIELD CHECKPOINTS

- Confirm the T9852 marking and eight-channel dual-output assignment.
- Place every affected final element in the approved safe maintenance state.

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

System role and engineering boundaries

ICS Triplex T9852 is an AADvance dual digital output termination assembly for eight channels. It connects two T9451 output modules and accepts two protected 24 Vdc field-power sources.

1

Terminates eight digital output field circuits

2

Supports two T9451 modules in a dual arrangement

3

Accepts two separately fused field-power inputs

4

Provides a keyed field interface for controlled AADvance output replacement

ENGINEERING NOTE

Install T9852 in the configured AADvance dual-output position and confirm that both T9451 modules, both 24 Vdc field sources and the termination coding match the project. Prove de-energized behavior, field fuses, load wiring and output diagnostics before connecting the actuators to service.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Dual shutdown outputs

Connects paired AADvance output modules to safety-related final elements.

Valve-solenoid control

Provides protected field terminations for discrete actuator circuits within the documented load limits.

Alarm and trip circuits

Supports redundant command paths for annunciation or protective trip devices.

AADvance output cabinet expansion

Adds an eight-channel dual-output termination position to an approved base-unit row.

MODEL-SPECIFIC ACCEPTANCE FOCUS

Verify the T9852 article, T9300 base-unit position, two T9451 modules, eight-channel terminal map, dual 24 Vdc sources, 10 A fuses, conductor preparation, safe-state logic and controlled load tests before commissioning.

Related-series navigation

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

RELATED APTER POWER SERIES PAGES	
01	T9851 Apter Power product page
02	T8122 Apter Power product page
03	T9082U Apter Power product page
04	T9431 Apter Power product page
05	TC-215-02-10M5 Apter Power product page
06	TC-215-02-12M5 Apter Power product page
07	TC-301-02-2M0 Apter Power product page
08	TC-301-02-6M5 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

APTER POWER SALES TEAM

WHATSAPP / PHONE
+86 180 3023 5313

EMAIL
sales13@apterpower.com

WEBSITE
www.apterpower.com



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