

ELECTRONIC TUBE REFERENCE

443A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Western Electric/RMA cold-cathode trigger and control tube designed for rapid gas-discharge switching in pulse and control circuitry.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
MAXIMUM CATHODE CURRENT	60 mA
STARTING VOLTAGE	72 V
MAINTAINING VOLTAGE	69 V
Special cold-cathode relay/control section; current and starter/anode voltage data promoted where semantically applicable.	

443A: Western Electric/RMA cold-cathode trigger/control tube with published ratings and operating data. The complete approved datasheet was read semantically, including ratings, characteristics and operating information.



SOURCE OPERATING CONDITIONS

194X Western Electric Random

Published test conditions and operating points. Values on this page are preserved as reported by this source.

194X WESTERN ELECTRIC RANDOM

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak anode voltage	180 V	—
Peak cathode current	60 mA	—
Average cathode current	30 mA	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Starter breakdown voltage	72 V	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 400s

Published test conditions and operating points. Values on this page are preserved as reported by this source.

2026 WESTERN ELECTRIC 400S

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Forward peak anode voltage	180 V	—
Maximum average cathode current	30 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Starter breakdown voltage	72 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage drop	69 V	—