



ELECTRONIC TUBE REFERENCE

3V490A

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Mercury-vapor thyatron designed for industrial-control switching, using grid control to trigger high-current conduction in power-control and controlled-rectifier circuits.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 10.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron

No fixed ratings recorded.

Values transcribed from the approved datasheet; additional published data retained as parameters.

Mercury-vapor industrial-control thyatron.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode to grid	0.1 pF	Published direct interelectrode capacitance
Grid to cathode	15 pF	Published direct interelectrode capacitance
Heater/filament nominal current	10.5 A	Nominal published value

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