

Directly heated gas-filled triode with highly insulated external grid for pulse and relay circuits. Grid triggering provides controlled discharge switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.85 V / 3.4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM CATHODE CURRENT	100 mA
<i>Promoted only where the locked schema has a direct semantic match; additional CRT, regulator, thyatron, pulse, capacitance, and operating values are retained in TUBE_SECTION_PARAMETER.</i>	

Directly heated gas-filled triode with a highly insulated external grid for pulse and relay circuits.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V3

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V3

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Arc voltage drop minimum	20 V	PulseRelay
Arc voltage drop maximum	35 V	PulseRelay

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak forward voltage maximum	400 V	PulseRelay
Peak inverse voltage maximum	400 V	PulseRelay
Average anode current maximum	100 mA	PulseRelay
Peak anode current maximum	4 A	PulseRelay
Positive grid peak voltage maximum	1800 V	PulseRelay
Negative grid peak voltage maximum	1800 V	PulseRelay
Grid resistance maximum	10 MΩ	PulseRelay
Ambient temperature range	-75 to +90 °C	PulseRelay

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Arc voltage minimum	20 V	Ia=0.1-4A
Arc voltage maximum	35 V	Ia=0.1-4A

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#)[Tube types](#)[Full books](#)[Blog](#)[Feedback & corrections](#)

© 2026 Tube Tinker