

ELECTRONIC TUBE REFERENCE

ASG5044B

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Inert-gas and mercury-vapor thyatron for industrial switching and control. Its heavy heater supports substantial controlled discharge.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 12 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM CATHODE CURRENT	3.2 A
PEAK INVERSE VOLTAGE	1400 V
PEAK FORWARD CURRENT	40 A
WARM-UP TIME	60 s

Inert gas and mercury-vapor thyatron for industrial switching and control.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 AEG

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

1953 AEG

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse voltage	1400 V	—
Maximum peak anode current	40 A	—
Maximum mean anode current	3.2 A	—
Cathode heating time	60 s	—