



ELECTRONIC TUBE REFERENCE

ASG6011

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Directly heated inert-gas and mercury-vapor thyatron for high-current controlled-rectifier switching service in industrial power-control equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	A4-10	BASE PINS	—
NOMINAL HEATER	2.5 V / 9 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 0 Thyatron	
MAXIMUM PLATE VOLTAGE	1250 V
<i>Mercury-vapour thyatron; crest voltage and current ratings are preserved in parameters.</i>	

Directly heated inert-gas and mercury-vapour thyatron for high-current controlled-rectifier switching service.

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 0 · Thyatron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
PeakAnodeVoltage	1.25 kV	—
Peak Inverse Voltage	1.25 kV	—
SurgeCurrent	150 A	0.1s maximum
PeakControlGridCurrent	50 mA	—
AverageControlGridCurrent	10 mA	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
ArcDrop	12 V	—
Ionization Time	—10 us	—