



ELECTRONIC TUBE REFERENCE

FGA95

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Grid-controlled gas thyatron for industrial power control. Published ratings support substantial controlled-discharge switching.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 4.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron*No fixed ratings recorded.**Published ratings and operating/characteristic data reviewed.*

FGA95 is listed in the supplied Amperex material as a grid-controlled gas thyatron. Published ratings and operating characteristics were captured from the supplied table.

SOURCE OPERATING CONDITIONS

1963 Amperex Condensed

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

1963 AMPEREX CONDENSED

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	ThyatronService
Filament current	4.5 A	ThyatronService
Filament heating time	300 s	ThyatronService
Tube voltage drop	16 V	ThyatronService
Deionization time	10 us	ThyatronService

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak forward voltage	1000 V	ThyatronService
Maximum peak inverse voltage	1000 V	ThyatronService
Maximum peak anode current	15 A	ThyatronService
Maximum average anode current	25 A	ThyatronService
Maximum grid voltage	-1000 V	ThyatronService