

ELECTRONIC TUBE REFERENCE

KU401

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Hydrogen thyatron designed for fast high-current crowbar protection of high-voltage equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / —	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAXIMUM PLATE VOLTAGE	10000 V
MAXIMUM CATHODE CURRENT	200 A

Hydrogen thyatron for crowbar protection service.

SOURCE OPERATING CONDITIONS

1962 ITT

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

1962 ITT

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	5.5-6.7 A	—
Minimum Heating Time	180 s	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Peak Anode Voltage Forward	10000 V	—
Maximum Peak Anode Voltage Inverse	8000 V	—
Maximum Peak Anode Current	200 A	—
Maximum Anode Delay Time	1 us	—