

ELECTRONIC TUBE REFERENCE

AC50

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA  
1 SECTION  
CONSTRUCTION  
THYRATRON

Gas-filled control triode and thyatron with published operating and limiting ratings. It provides grid-controlled discharge for electronic power switching.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

|                                                                           |
|---------------------------------------------------------------------------|
| SECTION1 Thyatron                                                         |
| No fixed ratings recorded.                                                |
| Published ratings and characteristic constants promoted where applicable. |

AC50: gas-filled control triode/thyatron with published operating data and limiting ratings. The approved German-language datasheet was translated and interpreted by technical meaning.

## SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

# 194X Wehrmacht Rohren

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

## 194X WEHRMACHT ROHREN

## Section 1 · Thyatron

| CHARACTERISTICS        |                 |                  |
|------------------------|-----------------|------------------|
| PARAMETER              | PUBLISHED VALUE | CONDITION / NOTE |
| Arc/extinction voltage | 17 V            | —                |
| Gas filling            | Argon           | —                |

| OTHER                      |                 |                  |
|----------------------------|-----------------|------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE |
| Maximum anode-current peak | 300 mA          | —                |
| Maximum mean anode current | 3 mA            | —                |