



ELECTRONIC TUBE REFERENCE

STE3500203

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

THYRATRON

Controlled gas-filled rectifier for electronic power switching. Grid triggering initiates gas-discharge conduction on command.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Thyatron	
PEAK INVERSE VOLTAGE	350 V
NOMINAL OUTPUT CURRENT	200 mA
PEAK FORWARD CURRENT	300 mA
FORWARD VOLTAGE DROP	15 V
WARM-UP TIME	5 s
<i>Published maximum ratings and characteristics promoted from the approved datasheet; additional useful values retained as parameters.</i>	

STE3500203 is a Siemens directly heated, noble-gas-filled controlled rectifier tube with one anode and one control grid.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	3 V	Nominal published value
Heater Current	1.1 A	Nominal/approximate published value
Peak Inverse / Blocking Voltage	350 V	Published datasheet value
Average DC Current	200 mA	Published datasheet value
Peak Current	300 mA	Published datasheet value
Minimum Warm-up Time	5 s	Minimum before loading

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Discharge Voltage Drop	15-20 V	Published discharge voltage range