ELECTRONIC TUBE REFERENCE

5821

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
IGNITRONPOWERSWITCH

Water-cooled mercury-pool ignitron designed for frequency-changer resistance-welding control, providing high-current controlled conduction in specialized industrial welding power systems.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	0 V / 0 mA	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 IgnitronPowerSwitch

No fixed ratings recorded.

Mercury-pool ignitron switching system for resistance-welding frequency changer.

Water-cooled mercury-pool ignitron for frequency-changer resistance-welding control.

SOURCE OPERATING CONDITIONS

1947 Westinghouse

SOURCE PDF

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

1947 WESTINGHOUSE

Section 1 · IgnitronPowerSwitch

APPLICATION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Application	**FrequencyChanger_ResistanceWeldingControl text**	—

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
IgnitorCurrentRequired	**10 A**	—

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
MaximumAverageAnodeCurrent	**315 A**	—

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

Catalog Tube types Full books Blog Feedback & corrections

© 2026 Tube Tinker