ELECTRONIC TUBE REFERENCE

5551

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
IGNITRONPOWERSWITCH

> Water-cooled mercury-pool ignitron power switch for industrial welding and rectification.

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

SECTION0 IgnitronPowerSwitch

No fixed ratings recorded.

Mercury-pool ignitron power switch; peak voltage drop about 12 V; maximum average anode current 56 A in AC welder control service; minimum water flow 1 US gal/min; specialized Ignitron subtype retained for future reclassification.

SOURCE OPERATING CONDITIONS

9999 Mixed H 1000

SOURCE PDF

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

9999 MIXED H 1000

Section 0 · IgnitronPowerSwitch

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Average plate current	**56 A**	Maximum average anode current in specified AC welder-control service; not general rectifier average rating