ELECTRONIC TUBE REFERENCE

NL5550

Specialized - Ignitron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
IGNITRONPOWERSWITCH

Mercury-pool ignitron power switch for industrial welding, rectifier, or high-current control service.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	–
NOMINAL HEATER	– / –	**PARALLEL HEATER**	– / –
HEATING	Indirect; cold cathode	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 IgnitronPowerSwitch

No fixed ratings recorded.

Mercury-pool ignitron AC-control/rectifier section.

NL5550 water-cooled or industrial mercury-pool ignitron for welding/control service.

SOURCE OPERATING CONDITIONS

1957 National Electronics

SOURCE PDF

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

1957 NATIONAL ELECTRONICS

Section 1 · IgnitronPowerSwitch

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
AC control frequency minimum	**25 Hz**	—
AC control frequency maximum	**60 Hz**	—
Peak forward voltage	**6000 V**	CapacitorDischarge
Peak inverse voltage	**3000 V**	CapacitorDischarge
Peak anode current	**500 A**	CapacitorDischarge

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