

ELECTRONIC TUBE REFERENCE

NL1053

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.

NL1053 water-cooled or industrial mercury-pool ignitron for welding/control service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1957 National Electronics

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	—
Maximum average anode current	355 A	ACControl
Maximum peak anode voltage	1500 V	Rectifier

TUBE TINKER

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and their source documents.

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