

ELECTRONIC TUBE REFERENCE

NL778

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Industrial thyratron for timing, control, welding, and regulated-rectifier service. Its heavy cathode supports substantial controlled power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 21 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
MAXIMUM CATHODE CURRENT	6.4 A
PEAK INVERSE VOLTAGE	1500 V
NOMINAL OUTPUT CURRENT	6.4 A
PEAK FORWARD CURRENT	110 A
WARM-UP TIME	60 s

NL778 industrial thyratron; National Electronics power-control tube.

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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak forward voltage	1500 V	—
Maximum peak output current	110 A	—
Maximum dc output current	6.4 A	—

TUBE TINKER

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and their source documents.

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