



ELECTRONIC TUBE REFERENCE

NL604L

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated NL604-series industrial power rectifier. Its massive filament provides multiampere output for heavy DC supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 11.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM CATHODE CURRENT	2.5 A
PEAK INVERSE VOLTAGE	900 V
NOMINAL OUTPUT CURRENT	2.5 A
PEAK FORWARD CURRENT	10 A
FORWARD VOLTAGE DROP	10 V
WARM-UP TIME	15 s

NL604L industrial power rectifier tube.



SOURCE OPERATING CONDITIONS

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 · Rectifier

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC output current	2.5 A	—
Maximum instantaneous output current	10 A	—
Maximum peak inverse voltage	900 V	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament heating time	15 s	—
Typical arc drop	10 V	—
Typical anode starting voltage	10 V	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Argon/mercury vapor	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service	Industrial power rectifier	—

TUBE TINKER

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