



ELECTRONIC TUBE REFERENCE

NL606L

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated NL606-series industrial rectifier for high-current supplies. Its massive filament provides several amperes of output and very high peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 17 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
MAXIMUM CATHODE CURRENT	6.4 A
PEAK INVERSE VOLTAGE	900 V
NOMINAL OUTPUT CURRENT	6.4 A
PEAK FORWARD CURRENT	25.6 A
FORWARD VOLTAGE DROP	10 V
WARM-UP TIME	40 s

NL606L 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	6.4 A	—
Maximum instantaneous output current	25.6 A	—
Maximum peak inverse voltage	900 V	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament heating time	40 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	—