ELECTRONIC TUBE REFERENCE

NL760L

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
THYRATRON

Industrial thyratron for grid-controlled rectifier and control service. Its massive directly heated cathode supports heavy controlled current.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	2.5 V / 18 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Thyratron

MAXIMUM CATHODE CURRENT	6.4 A

Gas/mercury-filled grid-controlled rectifier (thyratron).

NL760L industrial thyratron for grid-controlled rectifier and control service.

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 · Thyratron

OTHER		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum DC output current	**6.4 A**	—
Maximum instantaneous output current	**20 A**	—
Maximum peak inverse voltage	**1500 V**	—
Maximum peak forward voltage	**1500 V**	—
Maximum negative grid voltage during conduction	**10 V**	—

CHARACTERISTIC		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Filament heating time	**30 s**	—
Typical arc drop	**15 V**	—

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

APPLICATION		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Service	**Industrial grid-controlled rectifier**	—
Service	**Motor speed control**	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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