ELECTRONIC TUBE REFERENCE

21N14

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Mercury-vapor thyratron for heavy industrial controlled-power service. Its grid initiates low-drop gas conduction for substantial current switching.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	5 V / 5 A	**PARALLEL HEATER**	_ / _
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

MAXIMUM CATHODE CURRENT	3 A
REDO promoted-field audit	

21N14 Thyratron; full semantic REDO from printed ratings and characteristics.

SOURCE OPERATING CONDITIONS

SOURCE PDF

1961 AEI Industrial Valves

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 AEI INDUSTRIAL VALVES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum peak forward anode voltage	**1.5 kV**	—
Maximum peak inverse anode voltage	**1.25 kV**	—
Maximum peak cathode current	**20 A**	—
Maximum surge cathode current	**200 A**	—
Anode voltage drop	**16 V**	—
Maximum supply frequency	**150 Hz**	—
Ionisation time	**10 us**	—
Deionisation time	**1000 us**	—

SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

SOURCE PDF

1961 Associated Electrical Industries

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	**PUBLISHED VALUE**	**CONDITION / NOTE**
Maximum peak forward anode voltage	**1.5 kV**	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum peak inverse anode voltage	**1.25 kV**	—
Maximum peak cathode current	**20 A**	—
Anode voltage drop	**16 V**	—

Tube Tinker

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