

ELECTRONIC TUBE REFERENCE

DRG362

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
SURGEPROTECTOR

Neon-helium gas-filled telephone-line surge protector. Gas breakdown diverts damaging overvoltage transients away from communications equipment without requiring a heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 SurgeProtector
No fixed ratings recorded.

Neon/helium-filled telephone-line surge protector.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · SurgeProtector

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum striking voltage	130 V	—
Maximum current per line	7.5 A	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Glow-to-arc transition voltage	250 V	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filling	Neon/helium	—

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 · SurgeProtector

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MinimumStrikingVoltage	130 V rms	—
MaximumCurrentPerLine	75 A	—
MaximumChargeBothLines	150 C	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
GlowToArcTransitionVoltage	250 V rms	LineResistance60Ohm
GlowToArcTransitionCurrent	1 A	PerLine
BreakdownDelayAt3000V	5 us	StatisticalMaximum

TUBE TINKER

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and their source documents.

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