

Gas-filled 75 V voltage stabilizer operating over approximately 5-40 mA, with published long-term stability data for professional equipment.

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 Voltage Regulator	
REGULATOR VOLTAGE	75 V
MINIMUM REGULATOR CURRENT	5 mA
MAXIMUM REGULATOR CURRENT	40 mA
STARTING VOLTAGE	105 V
MAINTAINING VOLTAGE	75 V
Published maximum ratings and characteristics audited; remaining useful numerical data retained in parameter table.	

A gas-filled single-gap voltage stabilizer providing approximately 75 V regulated output for stabilized DC supplies.

SOURCE OPERATING CONDITIONS

1955 Marconi

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

1955 MARCONI

Section 1 · Voltage Regulator

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
VOLTAGE STABILISER QS1 [1]	50 V	VOLTAGE STABILISER QS150/40
VOLTAGE STABILISER QS1 [2]	40 V	VOLTAGE STABILISER QS150/40
Stability {([1]	1000	Stability {(1000 hr, period) *2 ¥2 %
Stability {([2]	2	Stability {(1000 hr, period) *2 ¥2 %
Stability {([3]	2	Stability {(1000 hr, period) *2 ¥2 %
Published value	10 mA	10 mA should be allowed in addition to the load current.
Stabilized voltage	75 V	Published regulated voltage.
Tube current minimum	5 mA	Minimum maintaining current.
Tube current maximum	40 mA	Maximum operating current.
Ignition voltage	105 V	Published minimum or maximum ignition/start voltage as applicable.