



ELECTRONIC TUBE REFERENCE

635P

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Half-wave mercury-vapor industrial power rectifier, co-designated GL-6930/635-P, providing multi-ampere average output and very high peak-current capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 20 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	6.4 A
PEAK FORWARD CURRENT	77 A
FORWARD VOLTAGE DROP	9 V
<i>Representative electrical section; promoted fields and additional published ratings are mapped from the approved source where applicable.</i>	

635-P is the co-designation printed on the GL-6930/635-P half-wave mercury-vapor rectifier sheet for industrial power-rectifier service.

SOURCE OPERATING CONDITIONS

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	150 Hz	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heating time	3 min	Published datasheet value