



ELECTRONIC TUBE REFERENCE

F5019

Specialized - Switching Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Forced-air-cooled cold-cathode controlled high-voltage rectifier for multiphase industrial DC supplies. Its gas-discharge construction combines controlled switching with several amperes of rectified output.

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 Rectifier	
PEAK INVERSE VOLTAGE	16000 V
NOMINAL OUTPUT CURRENT	5.6 A
PEAK FORWARD CURRENT	33.6 A
<i>Cold-cathode controlled rectifier; ratings vary with applied inverse voltage.</i>	

Cold-cathode controlled high-voltage rectifier with forced-air cooling for multi-phase DC power supplies.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Rectifier

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Forced air	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode-cathode voltage drop minimum	16 V	—
Anode-cathode voltage drop maximum	24 V	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	High-voltage controlled rectification	—