GU-G04 THYRISTOR ASSEMBLIES

Product Data Sheet

GCU04AB-130

Commutated Thyristor Board

ASSEMBLY TYPE DESIGNATION	PCB DRAWING REFERENCE	ASSOCIATED ASSEMBLY MARKING	POWER-DEVICE CONSTRUCTION
GU-G04	**G652296**	**80173-111-01-2**	**Press-pack disc with attached control PCB**

Mitsubishi Electric GCU04AB-130 is a commutated thyristor assembly identified by the GU-G04 type marking. It combines a disc-form power semiconductor with an attached populated control board. The assembly has a central power-device mounting arrangement, metal connecting strips and board-mounted connection points, forming a component of a larger power-conversion installation.

01 TECHNICAL DATA

Assembly type designation	GU-G04
PCB drawing reference	G652296
Associated assembly marking	80173-111-01-2
Power-device construction	Press-pack disc with attached control PCB

GCU04AB-130 assembly identification and construction reference

02 ADDITIONAL PRODUCT DATA

The photographed board carries drawing reference G652296 and the associated assembly marking 80173-111-01-2. Its construction places the control circuitry alongside the disc-form semiconductor, with the mating connections located on the populated board. These physical identifiers distinguish the supplied assembly; the 130 characters in the model are retained as part of the designation without assigning an electrical rating.

03 PRODUCT FUNCTION

GCU04AB-130 is identified as a GU-G04 commutated thyristor assembly. Its disc-form power device and attached control PCB belong to the installed converter power section. Integration requires the host-equipment circuit and mechanical arrangement applicable to the exact assembly, rather than a generic controller connection.

04 SYSTEM COMPATIBILITY

The G652296 drawing reference and 80173-111-01-2 assembly marking provide additional identification of the photographed board. Compare these markings with the installed component and retain the connection record for the host converter. The available evidence does not establish a universal pin assignment or interchangeable connector specification.

05 REFERENCE

GCU04AB-130 assembly identification and construction reference

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