MARK VI TURBINE CONTROL SYSTEM

Product Data Sheet

IS200VTURH1BAA

VTUR turbine primary trip board

FUNCTION	FAMILY	ORIGIN	WEIGHT
VTUR turbine primary trip board	**Mark VI turbine control system**	**United States**	**0.30 kg**

GE IS200VTURH1BAA is a VTUR turbine primary trip board for the Mark VI turbine control system. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Board designation	VTUR
Control platform	Mark VI turbine control
Primary function	Turbine protection and trip processing
Flame detector inputs	8 Geiger Mueller detectors
Magnetic pickup inputs	4 pulse-rate channels
Pulse-rate range	2 Hz to 20 kHz
Pulse-rate accuracy	0.05 percent of reading
Input sensitivity	27 mV peak
Trip solenoid interface	Primary trip relay control
Speed monitoring	Turbine shaft pulse processing

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Flame monitoring	Combustion flame indication
Redundancy modes	Simplex and TMR configurations
Communication path	VME rack backplane
Operating temperature	0 to 60 °C
Board role	Turbine-specific protection I/O

03 OFFICIAL APPLICATIONS

- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration
- Petroleum Production and Natural Gas Processing: Upstream and downstream petroleum production; Natural gas processing and transmission
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations

04 SYSTEM COMPATIBILITY

Match IS200VTURH1BAA to the installed Mark VI turbine control system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

GE Mark VI turbine control documentation and VTUR board specification

Manufacturer technical documentation summarized for the exact model

AMIKON PRODUCT SUPPORT

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