General Electric DS200TCEAG1BTF

Model-specific technical reference

General Electric DS200TCEAG1BTF is a emergency overspeed board for the GE Mark V protection core. It processes emergency overspeed, flame-detection and automatic-synchronizing signals within the Mark V protection arrangement.

Complete reference	DS200TCEAG1BTF
Product type	Emergency Overspeed Board
Platform	GE Mark V protection core
Technical basis	GE Mark V control-system hardware documentation and exact-board identification records

Product page
https://www.apterpower.com/General-Electric/Gas-Turbine-Control/ds200tceag1btf

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01 Verified identity and technical data

Board acronym	TCEA
Primary processor	Intel 80196
Configuration jumpers	30
Protective fuses	3
Connector designations	J7, JK, JL, JW, JX1, JX2
Protection function	Emergency overspeed
Additional functions	Flame detection; automatic synchronizing
Installation context	Mark V protection core

02 Evidence boundary

Values are limited to the exact reference and documented family context. Confirm the complete marking, installed termination and hardware revision before selection.

Identity control	Use the full DS200TCEAG1BTF marking and installed asset record.
Configuration control	Retain the approved GE Mark V protection core configuration and connection map.
Acceptance basis	Record controlled as-found and as-left evidence for the product-specific function.

03 System context

The complete DS200TCEAG1BTF marking establishes the offered identity. Record all labels, connector positions and installed associations before removal because adjacent GE Mark V protection core references may differ in wiring, option content or revision compatibility.

Use the verified technical rows below to screen the offer, then compare the installed drawing and manufacturer instructions. Board acronym: TCEA; Primary processor: Intel 80196; Configuration jumpers: 30. These values do not authorize transferring specifications from a neighboring model.

04 Compatibility screening

Confirm the complete marking	Do not shorten DS200TCEAG1BTF or transfer data from an adjacent reference.
Record every connection	Photograph connector orientation and label each cable or terminal before removal.
Preserve the configuration	Retain the approved GE Mark V protection core database, jumpers, switches or channel assignment as applicable.
Apply controlled isolation	Follow the site energy-isolation and ESD procedure before disturbing hardware.
Verify companion hardware	Check the documented base, cable, terminal, power and partner-module relationship.
Prove the restored function	Complete visual, electrical and functional checks before return to automatic service.

05 Related manufacturer references

General Electric DS200SLCCG1AFG	LAN Communication Card
General Electric DS200UPSAG1AFD	UC2000 Power Supply Board
General Electric DS200UPSAG1AGD	UC2000 Power Supply Board
General Electric DS6800CCID1D1D	Industrial Control Printed Circuit Board
General Electric DS200CPCAG1ABB	Contactor Pilot Board

Reference note

Use this technical reference with the applicable manufacturer instructions and the approved installed-system drawing. It does not transfer adjacent-model values to the offered reference.