GE DS200TBPAG1ACC

PLU Milliamp Signal Termination Board

GE DS200TBPAG1ACC is a TBPA signal termination board associated with the Mark V PLU milliamp-input path.

Sourcing Support | 12-Month Warranty

Product summary

Manufacturer part number	DS200TBPAG1ACC
Shipping	Swift global dispatch
Condition	New, original product
Shipping size (est.)	28.6cm x 7cm x 4cm
Country of Origin	USA
Manufacturer	General Electric
Product Category	Gas Turbine Control
Spare Part Number	DS200TBPAG1ACC
Weight	0.4 kg

Buyer information / Overview

TBPA terminates the field current circuit ahead of the TCPA/DCPA processing path; a correct field current must be distinguished from the receiving interpretation.

Termination-level diagnosis
Field wiring and downstream processing can be examined as separate fault locations.

Defined current-loop interface
The input path includes a shunt relationship that matters when tracing a loop.

Traceable PLU connections
Terminal and interboard identities stay associated with the installed signal assignment.

The Mark V PLU diagram places TBPA between the field milliamp circuit and the TCPA/DCPA receiving path. It is a termination interface in that documented arrangement. The larger PLU diagram also contains proximity and output functions; their aggregate capacities must not be assigned to this single terminal board.

The milliamp diagram shows four 4–20 mA input paths and a 100-ohm input shunt. Trace the actual signal pair, excitation arrangement and interboard connection before interpreting a failed indication as a processor fault. A loop-current reading at the field end and the signal reaching the receiving path are separate evidence points.

Retain the G1ACC marking and the unit-specific terminal assignment when selecting the spare. The family signal diagram does not establish an undocumented ACC-to-other-revision exchange. After the wiring is restored, use the approved controlled input check to compare field stimulus and receiving indication at more than one point.

Controller platform reference: Mark V PLU signal termination. Match the installed configuration.

Technical Specifications

Documented milliamp input paths	4
Input signal range	4–20 mA
Diagrammed input shunt	100 Ω

Technical source: GE SPEEDTRONIC Mark V Turbine Control Application Manual GEH-6195F. Values describe the TBPA milliamp-input path in the documented PLU signal-flow diagram. Aggregate PLU proximity and output counts are not represented as standalone TBPA board capacities. Full G1ACC hardware identity remains controlling. Apter Power product summary. Technical reference and field guide are available in Downloads.

Applications / Compatibility

Use in the documented Mark V PLU current-input termination arrangement.

The field-loop path and TCPA/DCPA interpretation must both be checked; connector fit alone cannot prove the correct signal assignment.

PLU current-loop restoration
Trace each field signal pair to its retained terminal and receiving assignment.

Shunt-path investigation
Separate current continuity from the signal presented through the documented termination path.

Interboard connection recovery
Preserve cable identification between TBPA and the receiving electronics.

Controlled input acceptance
Compare applied current with the intended receiving indication under the approved test plan.

Product Precautions

Apply these checks to GE DS200TBPAG1ACC and its documented installation.

Retain the G1ACC marking Do not infer a revision exchange from the TBPA acronym.	**Identify the loop source** Record excitation and return before disconnecting field wiring.
Protect terminal assignments Label the actual signal pair and receiving channel.	**Keep processing separate** Do not treat the termination board as the whole PLU logic system.
Inspect the shunt path Use the approved isolated test method before drawing a fault conclusion.	**Prove several input points** Compare controlled stimulus and receiving interpretation before release.

Lifecycle Status

The current factory lifecycle phase of DS200TBPAG1ACC is unconfirmed. Its supported installed role is the Mark V PLU milliamp termination interface.

Preserve G1ACC and the unit-specific PLU signal assignment; processing cards and terminal boards are separate selections.

The offered TBPA board excludes TCPA/DCPA processing hardware, field transmitters and cabinet cables unless explicitly listed.

Available Unit Details

Offered reference	GE DS200TBPAG1ACC.
Identity check	Request the full G1ACC marking and readable terminal/interboard connector views.
Physical review	Inspect terminal damage, contamination and the current-input termination components.
Included items	one TBPA board; connected processing and field hardware separately listed.

Request available-unit photos and details: sales13@apterpower.com

Technical notes

Capacity boundary	PLU-wide proximity and output counts are not standalone TBPA ratings.
Measurement boundary	Loop continuity does not establish correct receiving scale or channel assignment.
Revision boundary	The documented signal path does not establish ACC revision interchangeability.

Alternative Names

GE DS200TBPAG1ACC; DS200TBPAG1ACC

Frequently Asked Questions (FAQ)

1. How can a field-loop fault be separated from the receiving path when diagnosing DS200TBPAG1ACC?

Compare the identified field current path with the TBPA termination and downstream interboard connection under the approved test procedure. Retain both stimulus and receiving evidence.

2. Does a correct current reading prove DS200TBPAG1ACC is assigned to the correct signal?

No. Compare the terminal pair and receiving channel with the unit-specific record, then prove the intended indication with a controlled input change.

3. Can total PLU proximity counts be used as capacities of DS200TBPAG1ACC?

No. The diagram includes multiple assemblies and functions. Apply the TBPA milliamp-path data only to its documented termination role.

4. Why should excitation and return be recorded before disconnecting DS200TBPAG1ACC?

They establish how the actual field loop is powered and referenced. Reconnecting a signal pair without that relationship can leave an incorrect loop even when continuity is present.

5. What should be investigated if DS200TBPAG1ACC receives current but the displayed value is wrong?

Compare the termination/shunt path, interboard connection, receiving channel and retained scale. A valid current at one point does not prove the entire interpretation chain.

6. Is the TCPA/DCPA function included merely by ordering DS200TBPAG1ACC?

These are separately identified processing assemblies in the signal path. Confirm the actual spare scope rather than treating the terminal board as a complete PLU.

7. Can a nearby TBPA revision be substituted automatically for DS200TBPAG1ACC?

Retain the complete group and revision and obtain the approved compatibility decision. The common family diagram alone does not establish that exchange.

8. What closes a signal restoration using DS200TBPAG1ACC?

Record field-loop identity, terminal/cable assignment, controlled input points and the matching receiving indications, with any discrepancy resolved before release.

Downloads

For DS200TBPAG1ACC, the Apter Power technical reference summarizes verified manufacturer data. The field guide develops plu loop, shunt and receiving-channel verification.

DS200TBPAG1ACC Technical Reference	Apter Power technical reference with manufacturer-based values and exact application boundaries. PDF · 1 pages · 91.2 KB.
DS200TBPAG1ACC Installation & Commissioning Guide	PLU Loop, Shunt and Receiving-Channel Verification. Follow a controlled current change from the field pair through termination to its intended receiving indication. PDF · 2 pages · 93.5 KB.

The manufacturer-based technical reference and installation decisions are provided as separate documents.

What happens after you enquire

Review your reference	Send the full marking, quantity and label photos. We review the item and any version details that need clarification.
Confirm the offer	Check the quoted reference, condition, included items and expected dispatch date before approving your order.
Arrange dispatch	Confirm delivery details and receive the tracking number when it becomes available.

Ordering checks

Include DS200TBPAG1ACC and every revision or approval marking visible on the item. Keep the exact reference on your enquiry and quotation.

Request available label and interface photos. Have your maintenance team compare the offered DS200TBPAG1ACC reference with the installed equipment and applicable GE documentation.

Service and support

Dispatch Planning	Confirm stock and lead time with our team.
Dedicated Manager	Personalized one-to-one VIP service
ISO 9001:2015 Certified	Trusted quality management
Warranty Policy	Review the applicable warranty coverage and claim process.
Return Notice	Check the return process and obtain approval before sending an item back.
Shipping Method	Review shipping arrangements, transit estimates and delivery responsibilities.
Parts Availability	Browse stock listings and confirm current availability with our team.
How to order	See how to submit an enquiry, review a quotation and confirm an order.

Discuss your requirement

Send the full marking, label photos, quantity and required date. Our team will review the available sourcing options with you.

WhatsApp / Phone: +86 18030235313 | sales13@apterpower.com

Related GE product references

Separate supply references; these links do not establish interchangeability.

GE DS200TBCAG1AAB
External I/O Terminal Board

GE DS200TBQBG1ACB
RST Analog Termination Board

GE DS200TBQCG1ABB
Analog Input Milliamp I/O Termination Module

GE DS200TCPSG1AME
Power Supply Board

GE DS3800NGDC1A1A
Ground Detector Module

GE DS3800NGDD1C1B
Field Ground Detector Card

GE IS400AEBMH1AJD
Alternative Energy Bridge Module

GE IS220PPROH1A
Emergency Turbine Protection I/O Pack

GE SF412024 517-0224-16A-504376 820-0297
Circuit Board Assembly

GE 46-288512G1-F
Gantry I/O Board

Discuss DS200TBPAG1ACC and its installed application with Apter Power.
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