



# Combination Generator Control Module

Catalog Number 1407-CGCM

## About This Publication

This publication provides information regarding the 1407-CGCM unit, Series C, Revision D, with revision 4.9 host firmware.

## Description

The Combination Generator Control Module (CGCM unit) is a microprocessor-based control and protection device. We designed the CGCM unit to integrate with a ControlLogix programmable controller to provide generator control, protection, and synchronization functions. You can use the CGCM unit in a wide range of applications because of its programmable system parameters, regulation settings, and protective functions.

## Enhancements

This table highlights changes made in the current product user manual. Page numbers refer to the CGCM Unit user manual, publication [1407-UM001](#).

Topic	Page
Removed ControlNet tap cables from dimension and front panel layout diagrams	14, 38
ControlNet taps and channel labels are now furnished loose; provided information on fastening to unit	36
Added note on Dead Bus synchronization behavior differences that relate to host firmware revision	61, 97
Added kVAR Hours to table of metering values	65
Updated the Phase Offset Guide table	97
Added information on energy-metering value considerations	139
Changed range of energy preset attributes in Unscheduled Write table	142
Revised description of overcurrent-protection voltage-restraint provision	168

## Corrected Anomalies

The following anomalies have been addressed in revision 4.9 host firmware.

Cat. No.	Description
1407-CGCM	<ul style="list-style-type: none"><li>Phase rotation fault is now disabled when the Bus VT configuration is set to Dual Breaker.</li><li>The Dead bus generator frequency limits may be set between 40...70 Hz.</li><li>Logic has been corrected so that the state of PMG_Shunt_Select and PMG_1ph_3phSelect configuration tags are correct when read back from the 1407-CGCM unit.</li></ul>



## Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Combination Generator Control Module User Manual, publication <a href="#">1407-UM001</a>	Provides information important to the safe and effective use of the Combination Generator Control Module.
Industrial Automation Wiring and Grounding Guidelines, publication <a href="#">1770-4.1</a>	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, <a href="http://www.ab.com">http://www.ab.com</a>	Provides declarations of conformity, certificates, and other certification details.

You can view or download publications at <http://www.rockwellautomation.com/literature/>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

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