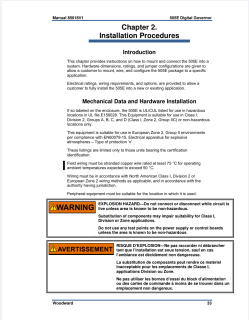
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

9907-167

OPERATOR INTERFACE


Chapter 2.
Installation Procedures

Introduction

Mechanical Data and Hardware Installation

PRODUCT	9907-167
FAMILY	Woodward 505E digital governors
FUNCTION	OPERATOR INTERFACE
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Woodward documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Manufacturer	Woodward
Model	9907-167
Product Type	OPERATOR INTERFACE
Product Family	Woodward 505E digital governors

02 PREPARATION AND CONNECTION

- Confirm the complete 9907-167 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

03

OFFICIAL INSTALLATION REFERENCE

Chapter 2.
Installation Procedures

Introduction

This chapter provides instructions on how to mount and connect the 505E into a system. Hardware dimensions, ratings, and jumper configurations are given to allow a customer to mount, wire, and configure the 505E package to a specific application.

Electrical ratings, wiring requirements, and options, are provided to allow a customer to fully install the 505E into a new or existing application.

Mechanical Data and Hardware Installation

If so labeled on the enclosure, the 505E is UL/CUL listed for use in hazardous locations in UL file E156028. This Equipment is suitable for use in Class I, Division 2, Groups A, B, C, and D (Class I, Zone 2, Group IIC) or non-hazardous locations only.

This equipment is suitable for use in European Zone 2, Group II environments per compliance with EN60079-15, Electrical apparatus for explosive atmospheres – Type of protection 'n'

These listings are limited only to those units bearing the certification identification.

Field wiring must be stranded copper wire rated at least 75 °C for operating ambient temperatures expected to exceed 50 °C.

Wiring must be in accordance with North American Class I, Division 2 or European Zone 2 wiring methods as applicable, and in accordance with the authority having jurisdiction.

Peripheral equipment must be suitable for the location in which it is used.

⚠WARNING

EXPLOSION HAZARD—Do not connect or disconnect while circuit is live unless area is known to be non-hazardous.

Substitution of components may impair suitability for Class I, Division or Zone applications.

Do not use any test points on the power supply or control boards unless the area is known to be non-hazardous.

⚠AVERTISSEMENT

RISQUE D'EXPLOSION—Ne pas raccorder ni débrancher tant que l'installation est sous tension, sauf en cas l'ambiance est décidément non dangereuse.

La substitution de composants peut rendre ce matériel inacceptable pour les emplacements de Classe I, applications Division ou Zone.

Ne pas utiliser les bornes d'essai du block d'alimentation ou des cartes de commande à moins de se trouver dans un emplacement non dangereux.

Official manufacturer page reproduced at its original aspect ratio.

04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Woodward 505E Digital Governor Manual 85018V1
Product record	9907-167
Manufacturer	Woodward
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**