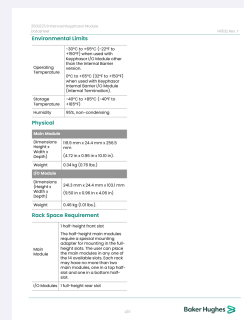


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

3500/25 149369-01

Enhanced Keyphasor monitor module



PRODUCT	3500/25 149369-01
FAMILY	Bently Nevada 3500/25 Keyphasor system
FUNCTION	Enhanced Keyphasor monitor module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from 3500 System documentation. This guide supplements the complete manufacturer manual and site procedure.

01

CONFIRM THE ORDERED CONFIGURATION

Spare Part Number	149369-01 Enhanced Keyphasor
Module Channel Count	Two independent input channels
Accepted Transducers	Proximity probes or magnetic pickups
Input Signal Range	+0.8 V to -21.0 V
Minimum Input Impedance	21.8 kΩ at the terminals
Typical Power Consumption	3.2 W in the rack

02

PREPARATION AND CONNECTION

- Confirm the complete 3500/25 149369-01 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.

OFFICIAL INSTALLATION REFERENCE

3500/25 Enhanced Keyphasor Module
Datasheet

141532 Rev. Y

Environmental Limits

Operating Temperature	-30°C to +65°C (-22°F to +150°F) when used with Keyphasor I/O Module other than the Internal Barrier version. 0°C to +65°C (32°F to +150°F) when used with Keyphasor Internal Barrier I/O Module (Internal Termination).
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	95%, non-condensing

Physical

Main Module	
Dimensions (Height x Width x Depth)	119.9 mm x 24.4 mm x 256.5 mm (4.72 in x 0.96 in x 10.10 in).
Weight	0.34 kg (0.76 lbs.)
I/O Module	
Dimensions (Height x Width x Depth)	241.3 mm x 24.4 mm x 103.1 mm (9.50 in x 0.96 in x 4.06 in)
Weight	0.46 kg (1.01 lbs.).

Rack Space Requirement

Main Module	1 half-height front slot The half-height main modules require a special mounting adapter for mounting in the full-height slots. The user can place the main modules in any one of the 14 available slots. Each rack may have no more than two main modules, one in a top half-slot and one in a bottom half-slot.
I/O Modules	1 full-height rear slot

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	Bently Nevada 3500/25 Enhanced Keyphasor Module Datasheet 141532 Rev Y
Product record	3500/25 149369-01
Manufacturer	3500 System
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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