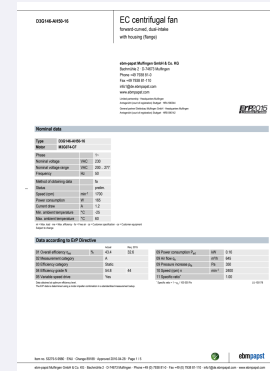


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

EBM-Papst D3G146-AH50-16

Forward-curved dual-intake EC centrifugal fan



PRODUCT	D3G146-AH50-16
MOUNTING	Flanged housing mounting
CONNECTION	WAGO 231-608 connector harness
ENVIRONMENT	IP44 protection rating

Prepared by Amikon Limited from D3G146-AH50-16 manufacturer specification. This guide does not replace the complete manufacturer manual, site procedure, or safety documentation.

01 CONFIRM THE ORDERED CONFIGURATION

Mounting	Flanged housing mounting
Construction	Galvanized sheet-steel housing
Input / channel data	146 mm fan size
Operating arrangement	Horizontal shaft installation
Power / connection	WAGO 231-608 connector harness
Interface	230 VAC power and 0-10 V control
Environment	IP44 protection rating

02 MECHANICAL MOUNTING

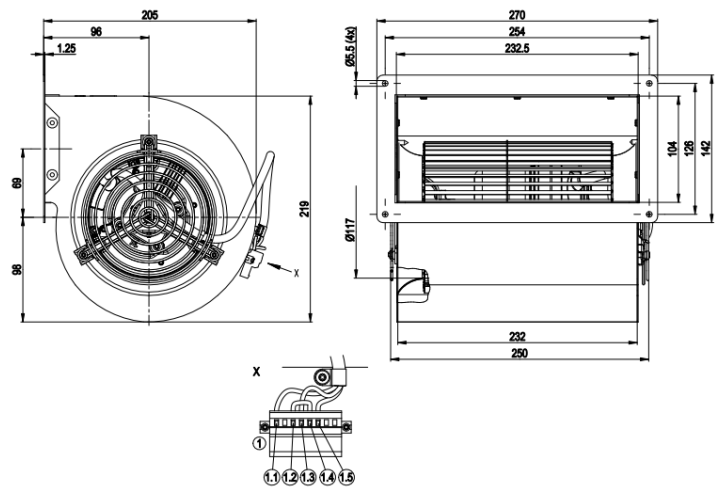
- Verify the complete order number D3G146-AH50-16 before installation.
- Use the specified Flanged housing mounting arrangement.
- Preserve the documented 146 mm fan size and Horizontal shaft installation configuration.
- Do not force the housing, connector, terminals or mounting hardware.
- Confirm system compatibility before commissioning.

MANUFACTURER INSTALLATION REFERENCE

D3G146-AH50-16

EC centrifugal fan
forward-curved, dual-intake
with housing (flange)

Product drawing



1	Cable PVC AWG18, 1x connector housing WAGO 231-608
1.1	N (blue)
1.2	Jumper
1.3	PE (green/yellow)
1.4	Jumper
1.5	L (black)

Manufacturer reference reproduced from D3G146-AH50-16 manufacturer specification. Use all source dimensions, tables and notes for installation.

04

WIRING AND CONNECTION

- Maintain the documented WAGO 231-608 connector harness configuration.
- Isolate all energy sources before wiring or servicing.
- Protect cables, connectors and terminals from contamination and moisture.
- Verify grounding, polarity and circuit identification before energizing.
- Follow all manufacturer electrical limits and connection diagrams.

05

INITIAL SYSTEM CHECKS

- Complete mounting and compatibility checks before commissioning.
- Verify each operating function using the official procedure.
- Confirm control-system configuration, diagnostics and protection logic.
- Record the installed order number and commissioning results.

06

CONTROLLED DOCUMENTS

Official reference	D3G146-AH50-16 manufacturer specification
Product record	D3G146-AH50-16
Manufacturer	EBM-Papst
Support	INFO@AMIKON.CN