



189.00 EUR

incl. 19% VAT, plus shipping

Support:  [Specifications](#) |  [Manual](#)

Remnant offer. Refurbished. Slight traces of usage on device. 2 years warranty.

Connector pinout:

L=BK

N=BU

PE=GNYE

GND=BU

+10V=RD

0-10V/PWM=YE

TACHO=WH

The D3G146-AH50-11 from ebm-papst is a powerful, double-intake radial fan unit with an external rotor EC drive. Thanks to 0-10 V/PWM speed control and a tachometer output, the air flow can be precisely controlled and reliably monitored. The robust metal housing (IP44) and wide operating temperature range make the unit ideal for compact HVAC units, heat pumps, electronics cooling, furnace/condensing technology, and air handling units.

Note: The fan itself supplies 10 V at the connector, allowing full operation without a 0-10 V control

by bridging. Also with some other D3G146 models you can exchange cable sets among each other.

- 230 V AC, wide operating range 200–277 V – reliable in fluctuating power grids
- EC drive with speed control (0–10 V or PWM) and tachometer output for control and monitoring
- External rotor, ball bearing, low-maintenance for a long service life
- Protection class IP44, integrated overtemperature protection for the electronics/motor
- Conformities & Approvals: CE; EN 60335-1 / EN 61800-5-1 / EN 60950-1; UL/CSA listed

Typ	Doppelseitig ansaugender, vorwärtsgekrümmter Radialgebläseeinsatz, Baureihe D3G146
Nennspannung/ Frequenz	230 VAC, 50 Hz (Betriebsbereich 200–277 VAC)
Leistungsaufnahme :	ca. 165 Watt (frei blasend)
Nenndrehzahl	ca. 1700 U/min (frei blasend)
Betriebstemperatur :	-25°C bis +60°C
Schutz/Elektrik:	TOP (Thermal Overload Protector) intern verdrahtet; Ableitstrom $\leq 3,5$ mA (IEC 60990)
Steuerschnittstellen :	0–10 V / PWM, passives PFC, Tacho-Signal
Abmessungen/ Größe	Baugröße 146 mm; typ. Einbautiefe ~ 232 mm; Gewicht ~ 4,1 kg
Schutzart:	IP44
Anwendungen	Kompakte Lüftungs- und Klimageräte, Luftreiniger, Wärmerückgewinnung Brennwertthermen / Heiztechnik, Trocknungs- und Prozessluft Elektronikkühlung in Schaltschränken / Leistungsmodule