

QFR0624GH 3AUA0000088115 ABB inverter ACS880 fan

SKU: 881205198796

Price: \$19.28

Categories: Inverters

Tags: ABB

Product Link:

<https://www.electspares.com/product/qfr0624gh-3aua0000088115-abb-inverter-acs880-fan/>

Product Description

Model Number: QFR0624GH

ABB Part Number: 3AUA0000088115

Manufacturer: Delta Electronics

Series: QFR Series

Fan Type: DC Brushless Axial Cooling Fan (Tubeaxial)

Dimensions (L x H x W): 60 mm x 60 mm x 25 mm (2.36"L x 2.36"H x 0.98"W)

Rated Voltage: 24 VDC

Operating Voltage Range: Typically 10 VDC to 27.6 VDC (Some sources cite wider ranges like 16V to 26.4V for other QFR models, but 24V nominal is key)

Rated Current: 0.21 A

Input Power: 5 W (Calculated from 24V * 0.21A, rounded to 5W)

Wiring: 3 Lead Wires (Positive, Negative, and a Pulse Sensor/Tachometer output)

Rotational Speed (RPM): 5000 RPM (Some detailed datasheets for very similar QFR0624GH-P versions show up to 7600 RPM for specific variations with PWM/Tach, but 5000 RPM is consistently cited for this specific model number.)

Maximum Airflow:

27.55 CFM (Cubic Feet per Minute)

0.78 m³/min (Cubic Meters per Minute)

Maximum Static Pressure:

Typically around 0.29 in H2O (Inches of Water)

Around 72 Pa (Pascals)

Noise Level: 40.0 dB(A)

Bearing Type: Dual Ball Bearing (for enhanced durability and longer operational life)

Frame Material: Plastic

Impeller (Blade) Material: Plastic

Sensor/Control: Pulse Sensor (Tachometer output for speed monitoring). Note: While some QFR models offer PWM, for QFR0624GH with 3 wires, the sensor is the primary feature.

Protection Functions: Locked Rotor Burnout Protection, Reverse Polarity Protection

Operating Temperature Range: -10°C to +70°C (14°F to 158°F)

Expected Life: Often cited as 60,000 to 100,000 hours, or "10,0000 hours" (which likely means 100,000 hours) for continuous running.

Safety Approvals: CE, cURus, TUV, UL (common for Delta fans)

Mass: Approximately 90 g (0.198 lb)

The Delta QFR0624GH, identified by ABB Part Number 3AUA0000088115, is a reliable 60x60x25mm DC axial fan specifically designed as an auxiliary cooling component for ABB ACS880 inverters and other electronic equipment. Operating on 24VDC with 0.21A current and 5W power, it delivers a consistent 27.55 CFM (0.78 m³/min) of airflow and 0.29 in H₂O (72 Pa) of static pressure at 5000 RPM, with a moderate noise level of 40.0 dB(A). Equipped with durable dual ball bearings, this 3-wire fan provides a pulse sensor for speed monitoring and features essential locked rotor and reverse polarity protection, ensuring long-term reliability and efficient thermal management in critical industrial applications.

Additional Information

sort by color: Brand new original packaging, Taxes for ordinary invoices

Product Images





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