

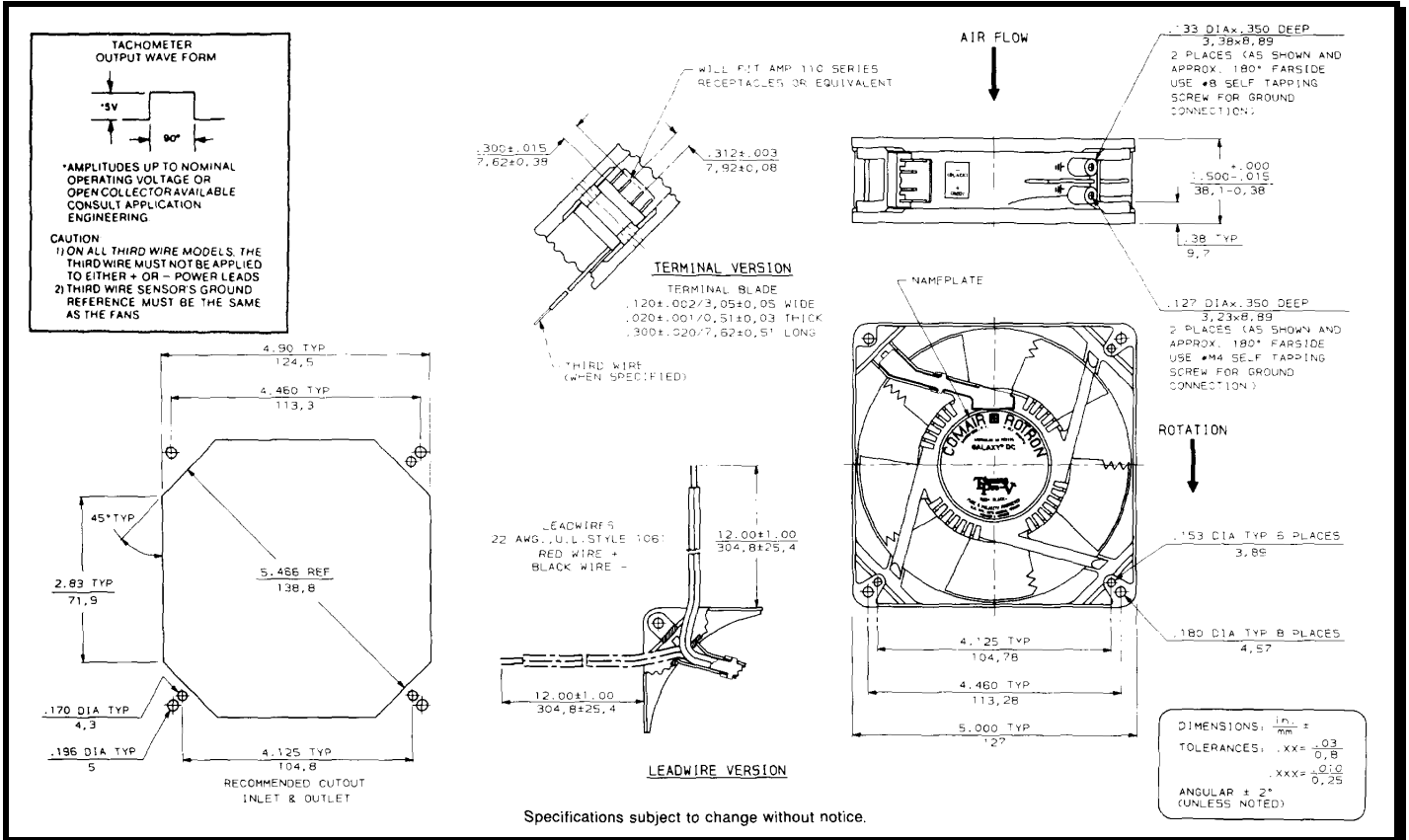
SPECIFICATIONS



Model Number: GL24K3QDN
Part Number: 16008011A

Version: 01
Feb. 26, 2024

Mechanical Drawing:



Motor:

Nominal Voltage = 24 vdc
 Operating Voltage Range = 12 - 28 vdc
 Nominal Running Current = 0.60 amps
 Locked Rotor Current = 2.5 amps
 Running Power = 14.4 watts
 Average Speed = 3800 RPM
 Bearings = Ball
 Air Flow = 175 CFM
 Acoustic = 57.9 dBA

Construction:

Venturi: Die Cast Aluminum, Black
 Propeller: Plastic, Black, UL 94V-0

Life Expectancy:

This fan is designed for continuous duty life of 60,000 hours at 70°C.

Agency Certifications:

UL, CUL, CE

Additional Features:

Brushless DC Motor
 Locked Rotor Protection
 Automatic Restart Capability
 Polarity Protected
 Operating Temperature: -10°C to 70°C
 Storage Temperature: -40°C to 85°C
 PTC in hub: T<0°C 0rpm
 0≤T<40°C 3200rpm
 T≥40°C 3800rpm

Fan Performance Sensor:

Output: Open Collector
 Ic 20mA Max.
 Vcc 28vdc
 Logic: High on Pass, low on Fail
 Delay: 10 sec. ± 4 sec.
 Latching/ Isolated: No

Termination:

30mm ±5mm Harness Assembly, 22 AWG, UL 1061
 (From the edge of the venturi to the harness.)
 Connector – Molex 39-01-4031
 Terminal – Molex 39-00-0183
 Pin 1 = Fan Power (Red)
 Pin 2 = Fan Return (Black)
 Pin 3 = FPS (Blue)

PQ Curve:

