

Orientalmotor

ORIENTAL MOTOR U.S.A. Corp.
570 Alaska Avenue
Torrance, CA 90503
1-800-GO-VEXTA (468-3982)

Item # MDS1751-24S, DC Axial Fan

Axial fans use a propeller to create a flow of air the direction of the axis of rotation. Because they create a large airflow, axial fans are optimal for a wide variety of cooling and other airflow needs.



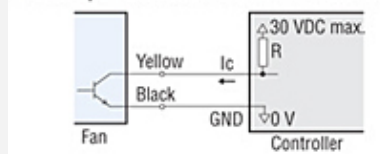
Specifications

Lead Time (Legacy)	Contact your local sales office for more information.
Product Line	ORIX ®
Fan Type	Axial Fan
Frame Size	6.77 in
Thickness	2.01 in.
Power Supply	24 VDC
Current	0.7 A
Function	Pulse Sensor
Connection Type	Lead Wire
Type	Standard Speed
Speed (r/min)	3200
Max. Air Flow	212 CFM
Max. Static Pressure	0.549 inH ₂ O

Noise Level	47 db (A)
RoHS Compliant	These products do not contain substances that exceed the regulation values in the RoHS Directive.
Safety Standards	IEC UL CSA EN CE
CE Marking	EMC Directives
Insulation Resistance	10 M Ω or more when 500 VDC is applied between the windings and the frame under normal ambient temperature and humidity.
Dielectric Strength	Sufficient to withstand 500V at 50Hz applied between the windings and the frame for 1 minute under normal ambient temperature and humidity.
Temperature Rise	9°F (5°C) or less measured by the thermometer method after the temperature of the case has stabilized after continuous operation under normal ambient temperature and humidity.
Insulation Class	Class E (248°F [120°C]), Recognized as Class A (221°F [105°C]) by UL and CSA standards.
Overheat Protection	Built-in Overheat Protection Circuit
Ambient Temperature Range	14°F ~ 140°F (-10°C ~ 60°C)
Ambient Humidity	85% or less (noncondensing)
Alarm Type	Pulse Sensor
Output Mode	Open-collector output
Maximum Rating	Maximum applied voltage: 30 VDC max. Maximum current I_c : 10 mA max.

Circuit Connection

● Example of Alarm Circuit Connection



Circuit Connection