

Fan Failure Detection Module for 2 Fans with Temperature Monitoring



Features:

- Microcontroller based design.
- Auto Current Sensing technology.
- 2-digit 7 segment LED display.
- Retransmission option 4-20mA.
- Universal Input 90-270VAC.
- Bi-colour LED's for Fan status.
- Over voltage protection.
- 4- External relays for Fan Powered Contact, fan fail & temp. fail
- Din Rail Mountable.

Technical Data:

Input	Inbuilt Electronic temperature sensor.
Temperature Display	Three 0.4" inch seven-segment red LED displays.
Measuring	000-099° C
Temperature Range	
Key board	3 x Keys
Analog Output	4 to 20 mA DC (configurable to any temperature between value of 0 to 99°C)
External Relays	Relay 1 & 2 for AC Powered Contact for Fan 1 & 2 respectively Relay 3 for Temperature high alarm Relay Relay 4 for fan failure Relay.
Control Output	2 AC Fans (90 to 270V AC supply to individual Fans)
Protection	Fan Short Circuit protection at Output & Overvoltage protection at input
Indications	a) 2 Bicolor LED's (Red & Green for Fan Status) b) Red LED for Fan fail or Temperature alarm conditions
Failure Detection	Fan Stuck/stop open circuit Temperature sensor fail
Power Supply	90 to 270V AC, 50/60 Hz
Fan Current Range	Min. 80mA /Max. 500mA AC
Dimensions	75 x 55 x 110 mm [H x W x D].
Enclosure	Polycarbonate.
Mounting	DIN Rail
Part no.	UL02-FFTDU-ALM-4-20MA
Ordering Code	091010100002

Fan Failure Detection Module for 4 Fans with Temperature Monitoring



Features:

- Microcontroller based design.
- Auto Current Sensing technology.
- 2-digit 7 segment LED display.
- Retransmission option 4-20mA.
- Universal Input 90-270VAC.
- Bi-colour LED's for Fan status.
- Over voltage protection.
- 6- External relays for Fan Powered Contact fan fail or temp. fail
- Din Rail Mountable.

Technical Data:

Input	Built-in Electronic Temperature Sensor
Display	Two 0.4" inch seven segment red LED displays
Measuring	0-99° C
Temperature Range	
Key board	3 x Keys
Analog Output	4 to 20 mA DC (configurable to any temperature between value of 0 to 99°C)
External Relays	4x Relay (AC powered contacts for fan 1,2,3 & 4) 1x Relay (For Fan Fail alarm contact – common for all Fans) 1x Relay (For Higher Temperature alarm contact)
Control Output	4 AC Fans (90 to 270V AC supply to individual Fans)
Protection	Fan Short Circuit protection at Output & Overvoltage protection at input
Indications	a) 4 Bicolor LED's (Red & Green for Fan Status) b) Red LED for Fan fail or Temperature alarm conditions
Failure Detection	Fan Stuck/ stop open circuit Temperature sensor fail
Power Supply	90 to 270V AC, 50/60 Hz
Fan Current Range	Min. 80mA /Max. 500mA AC
Dimensions	75 x 100 x 110 mm [H x W x D].
Enclosure	Polycarbonate.
Mounting	DIN Rail
Part no.	UL04-FFTDU-ALM-4-20MA
Ordering Code	091010100003