

ENVIRONMENTAL MONITORING MODULE SINGLE PHASE - DATASHEET

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ENVIRONMENTAL MONITORING MODULE SINGLE PHASE

DESCRIPTION

The Environmental Monitoring Module Single Phase provides reliable monitoring of environmental and infrastructure conditions within data center and cabinet environments. It enables real-time tracking of critical parameters such as temperature, humidity, air quality, and external sensor inputs, ensuring operational continuity and enhanced protection of IT infrastructure. Designed for flexible deployment, it supports scalable sensor integration and seamless connectivity within the ORION ecosystem.

*Brand product BirSens integrated into the ORION solution.



KEY FEATURES

Centralized environmental monitoring ensuring continuous visibility of critical infrastructure conditions
Easy monitoring and management by ODCM (Orion Data Center Management) software
Flexible integration of multiple sensing points for comprehensive coverage across cabinets and data center environments
Proactive alerting and notification capabilities to support rapid response and risk mitigation
Compatibility with ORION Sensors
Designed for barpa ORION data center

MECHANICAL & PHYSICAL SPECIFICATIONS

Mounting	19" cabinet mounting 1U
Dimension (mm)	44,45x482,6x152,4
LCD Screen	2 Line - 16 Characters for each line
Digital Sensor Ports	Temperature, Temperature & Humidity, Air Quality
Dry Contact Sensor Inputs	Cabinet Door Contact, Rope Water Leak, Spot Water Leak, Smoke, Vibration, Airflow and any device with a contact output

ELECTRICAL SPECIFICATIONS

Operating Voltage	BS 4500 6408B, BS 6816B	12V DC 85-265V AC
Power Consumption	2,5 - 2,7W	

