



Product Lines

Control Solutions for
HVAC/R Applications

MAGNUM +12 System



MCS-MAGNUM-N-12
12VDC
Powered by optional
Single Output Power Supply
85-264VAC input
12VDC output regulated



MCS-I/O-BASE + EXT



MCS-RO-BASE + EXT



MCS-SI-BASE + EXT

MAGNUM Control Enclosures



MCS-MAGNUM-SB



MCS-MAGNUM-MLB



MCS-MAGNUM-LB



CUSTOM CONTROLS

MAGNUM Keypads



MCS-MAGNUM-DOOR

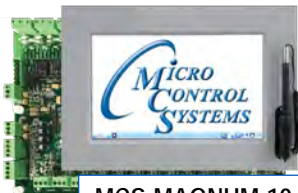


MCS-MAGNUM-OEM



MCS-MAGNUM-PANL

MAGNUM Touchscreens



MCS-MAGNUM-10.1-12

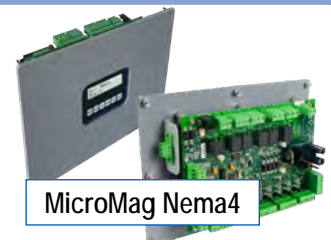


MCS-MAGNUM-15.4-12

MicroMag Controller



MicroMag
12VDC
Cover Included



MicroMag Nema4

MCS-BMS-GATEWAY



Provides translation from BACnet IP to LonTalk, BACnet MSTP, or Johnson Control N2.

MCS-Wireless Modem-INT-B



MCS-WIRELESS-MODEM-INT is a cloud-based solution which can be used anywhere. Provides a concise solution for remote monitoring, maintenance, data collection and data storage.

MCS-Wireless Modem-B



MCS-WIRELESS-MODEM is a powerful tool that is especially useful in locations where there is no readily available internet connection.

MCS-COMPACT-N



Daughter board able to hold a type 1 or type 2 compact flash memory card.

Plugs into expansion pins on MCS-MAGNUM

MCS-MODBUS



MCS-MODBUS-I/O gives the MCS-MAGNUM the ability to act as a Modbus Master using the Modbus RTU Protocol. This allows the MCS-MAGNUM to communicate to Modbus slave devices.
12vac

MCS-PHASE

MCS-PHASE is a programmable 3-phase line voltage monitor with 25-fault memory, high temperature LCD display, easy setup and clear diagnostic readout of system faults.



MCS-THERMOSTAT

MCS-THERMOSTAT is a temperature and humidity sensing smart device with a backlit LCD display permitting remote adjustments to the MCS controller.



MCS-HUMD-OS

Outside Air Combination Sensor with Humidity Transmitter and 100K Thermistor Temperature Transmitter.



MCS-HUMD

The humidity sensor outputs a linear signal and is a low power device (200 μ A typical @ 5vdc).

Because of its interchangeability, quality and reliability it is used in commercial, industrial military, and aerospace applications.





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MCS-PRESSURE TRANSDUCERS

Pressure transducers are specially designed for use in HVAC/refrigeration applications, in the most demanding environments, where low cost is needed yet maintaining high accuracy, long term reliability, and long life.

Features include, high accuracy, wide temperature range, refrigerant media compatibility and rugged design for outdoor use.



MCS-DIFFB TRANSDUCERS

MCS Differential Transducers set the price and performance standard for pressure transducers used in demanding environments.

The amplified and mV output pressure transducer has two pressure ports for high and low pressures and all wetted parts are made of 316L stainless steel.



MCS-EXV DRIVER

MCS-EXV-DRIVER-XX is used for the positioning and control of bipolar expansion valves.

The MCS-EXV-DRIVER-XX supports multiple electronic valve manufacturers including Sporlan, Alco, Danfoss and Carel.



MCS CURRENT SENSORS

MCS Current Sensors monitors current flowing to electrical equipment. The magnitude of the current is converted to a linear 0 to 5vdc output signal which can be read as a standard analog input signal.



MCS-TUBES AND WELLS

MCS-TUBE can be epoxied to a discharge or suction line in order to obtain temperature readings without the use of a well.

MCS-WELL is available in three sizes (1/4", 1/2" and 3/4" NPT). Extended depth tube length (3") is available for the 1/4" and 1/2" wells.



MCS EXV VALVES

EXV Valves are Electronically Operated Step motor flow control valves, intended for the precise control of liquid refrigerant flow.

Synchronized signals to the motor provide discrete angular movement, which translates into precise linear positioning of the valve piston.



North American Distributor for Hanbell Compressors



MCS has many additional HVAC/R products which run with our controls.

For additional information on any of our products please contact sales@mcscontrols.com

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