



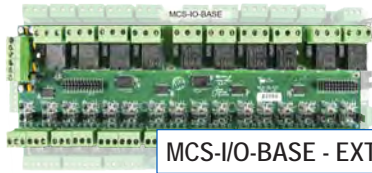
Product Lines

Control Solutions for
HVAC/R Applications

MAGNUM +12 System



MCS-MAGNUM-N-12
12vac
Powered by optional
Single Output Power Supply
115-230 VAC input (+-15%)
12VDC output regulated



MCS-I/O-BASE - EXT



MCS-RO-BASE - EXT



MCS-SI-BASE - EXT

MAGNUM Touchscreens



MCS-MAGNUM-7-12



MCS-MAGNUM-10.1-12



MCS-MAGNUM-15.4-12

MAGNUM Keypads



MCS-MAGNUM-DOOR



MCS-MAGNUM-OEM



MCS-MAGNUM-PANL

MAGNUM Control Enclosures



MCS-MAGNUM-SB



MCS-MAGNUM-MLB



MCS-MAGNUM-LB



CUSTOM CONTROLS

MicroMag Controller



MicroMag
115 or 230vac \pm 10%
50/60Hz
Optional 24vac, 12vac
Cover Included



MicroMag Nema4

MCS-BMS-GATEWAY



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

MCS-MSTP-ROUTER



The **MCS-MSTP-Router** offers a complete BACnet Internetworking solution for BACnet MS/TP, BACnet/IP, and BACnet Ethernet networks

MCS-Wireless Modem



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

MCS-Wireless Modem-INT



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-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-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-THERMOSTAT

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



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-HUMD

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

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



MCS-HUMD-OS

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





Product Lines

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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-DIFF 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

5580 Enterprise Pkwy., Fort Myers, FL 33905 • Office: 239-694-0089 Fax: 239-694-0031

www.mcscontrols.com