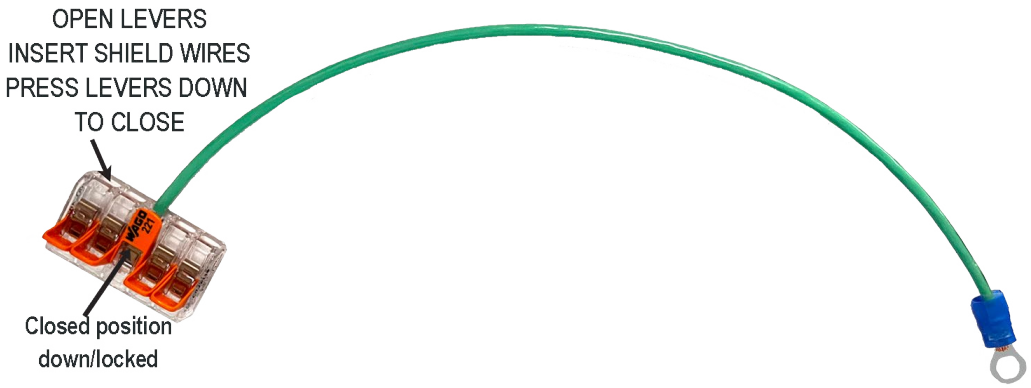
Providing HVAC/R Control Solutions Worldwide

5580 Enterprise Parkway. Fort Myers FL 33905

For Immediate Release

Released-10-27-2023

MCS-SHIELDWIRE-GROUNDING



MCS-SHIELDWIRE-GROUNDING connectors are installed in MCS Industrial Control Panels effective November 1st, 2023.

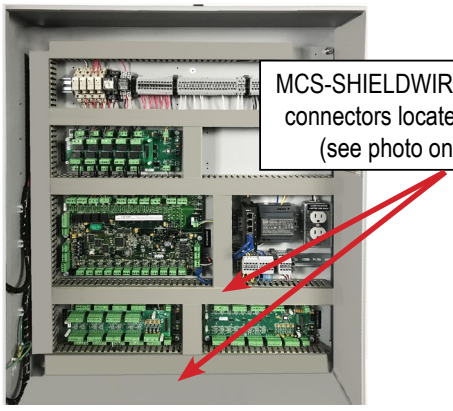
They should be used on all 12 volt MAGNUM or MicroMag installations to safely ground the sensor drain shield wires to eliminate stray electrical current, thereby helping to reduce line noise from the sensors to the controller.

MCS will be providing two (2) MCS-SHIELDWIRE-GROUNDING connectors with all MCS-SI-BASE, MCS-SI-EXT, MCS-IO-BASE, MCS-IO-EXT, and MCS-Magnum boards on the above effective date.

A separate MCS-SHIELDWIRE-GROUNDING-KIT can be purchased through an authorized MCS partner. The kit includes: Two multi-terminal splicing connectors with 9"- 16 awg wire with ring terminal.

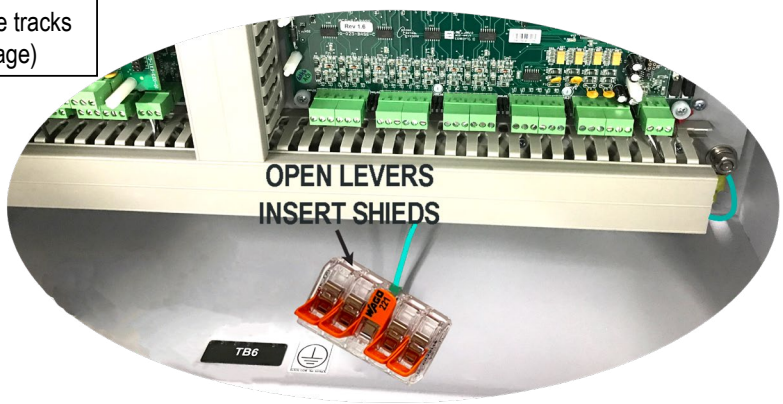
See the back of this page for more information.

MCS Industrial Control Panel



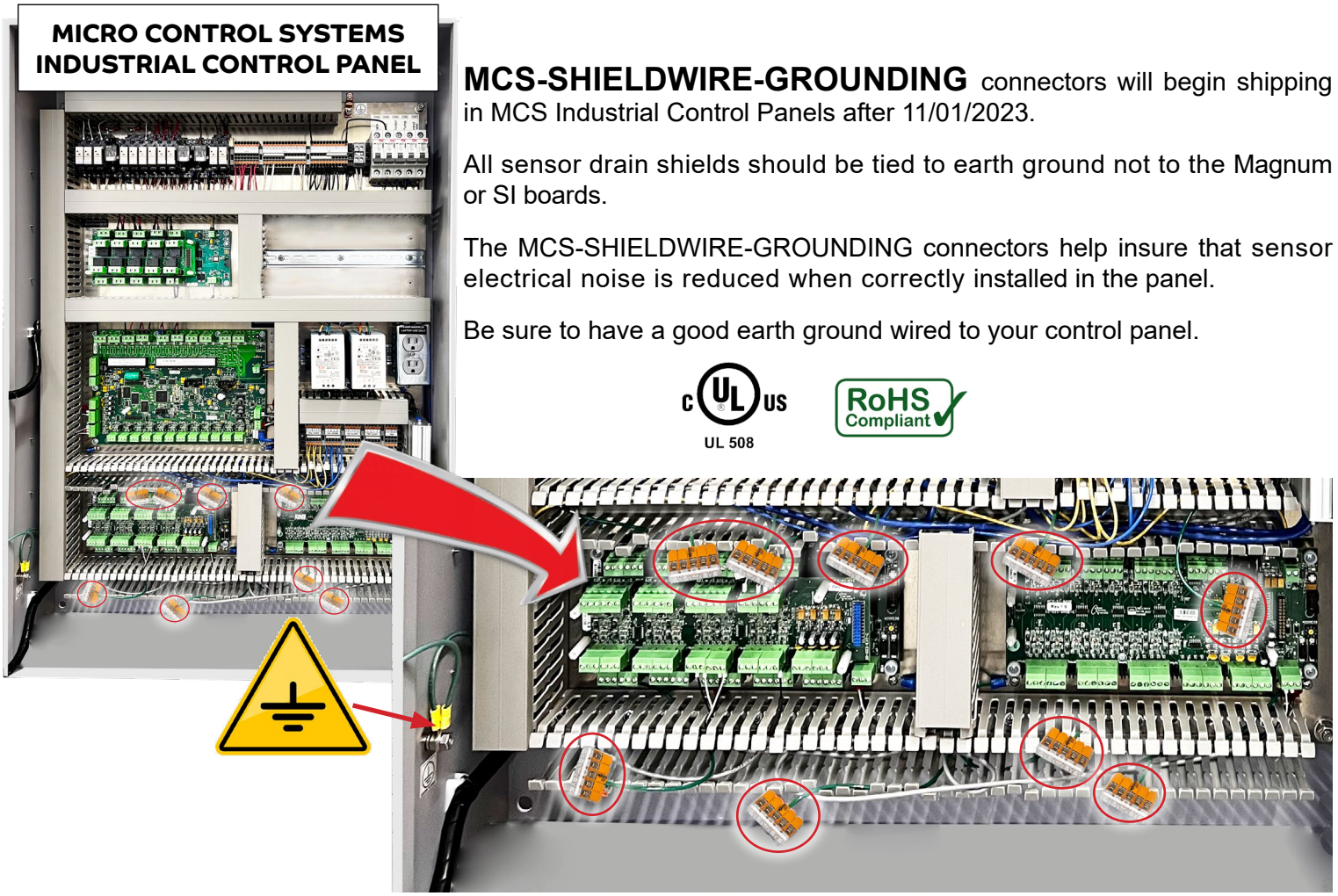
IMPORTANT

Make sure the MCS-SHIELDWIRE-GROUNDING connector is secured to an earth ground.



Continue to back of this page for more information

MICRO CONTROL SYSTEMS
INDUSTRIAL CONTROL PANEL



MCS-SHIELDWIRE-GROUNDING connectors will begin shipping in MCS Industrial Control Panels after 11/01/2023.

All sensor drain shields should be tied to earth ground not to the Magnum or SI boards.

The MCS-SHIELDWIRE-GROUNDING connectors help insure that sensor electrical noise is reduced when correctly installed in the panel.

Be sure to have a good earth ground wired to your control panel.

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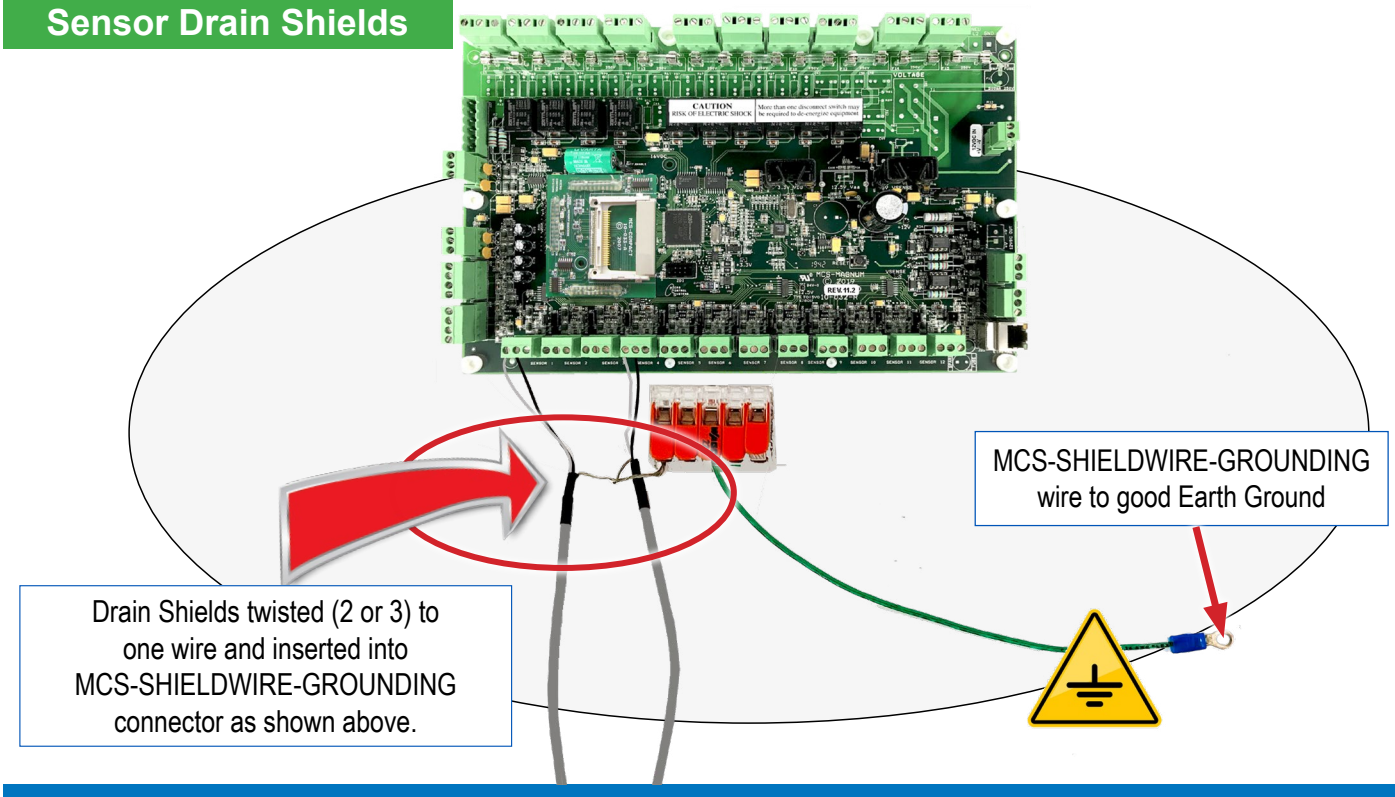
UL 508

RoHS Compliant

Correct Wiring for Sensor Drain Shields



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